Environmental Product Declaration

EPD®

In accordance with ISO 14025 and Product Category Rules for Absorbent Hygiene Products

TENA Pants & Underwear

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Essity is a leading global hygiene and health company

Essity is a leading global hygiene and health company that develops, produces, and sells personal care (baby care, feminine care, incontinence products, and medical solutions), consumer tissue, and professional hygiene products and solutions.

We are dedicated to improving well-being through leading hygiene and health solutions. Sales are conducted in approximately 150 countries under many strong brands, including the leading global brands TENA and Tork, as well as Leukoplast, Libero, Libresse, Lotus, Nosotras, Saba, Tempo, Vinda, and Zewa.

Essity has about 46 000 employees and net sales in 2019 amounted to SEK 129 bn (EUR 12.2 bn). The business operations are based on a sustainable business model with a focus on value creation for people and nature.

The company has its headquarters in Stockholm, Sweden, and is listed on Nasdaq Stockholm. Essity breaks barriers to well-being and contributes to a healthy, sustainable, and circular society. More information at www.essity.com.

TENA is a part of Essity

Through our TENA brand, we offer a broad range of incontinence products and services. The clear purpose of this offering is to care for people, improve their quality of life, and help them live with dignity and confidence.

For our institutional customers, such as nursing homes, it also means reducing costs while increasing efficiency and quality of care. This is done through a combination of high-quality products and qualified advisory services that simplify handling procedures for care providers.

Since incontinence is often surrounded by a social taboo, enhancing quality of life also means promoting an open dialogue to break down the stigma. So, in addition to providing products that improve health and hygiene, we're working hard to raise awareness, provide training and global forums, and drive high-level dialogues around the world.

At TENA we're continually innovating new products that are increasingly discrete, comfortable, effective, and easy to use, while also reducing our carbon footprint. To make a better mark – for people, and for the planet.

TENA assortment	
TENA Female Liners & Pads	A drier, safer, and more comfortable product than ordinary menstrual towel. The liners and pads give triple protection against leaks, odour, and moisture. The products are body shaped for comfort, protection, and discretion.
TENA Men	TENA Men are discreet and safe protection for men who experience urine leakage. Specially developed for men who wants discretion and continue to live an active life.
TENA Pants & Underwear	Close body fit for security and confidence. High performance products that are as easy to put on as underwear. TENA Pants & Underwear are available in a range of absorbency levels and sizes.
TENA Flex	A belted product with added absorbency that allows for easier, more ergonomic changing and with a comfortable, discreet fit. TENA Flex provides anatomically shaped protection with double absorption cores for leakage security.
TENA Comfort TENA Rectangular	The pad is designed to provide incontinence protection for skin health and leakage security. Available in a range of absorbency levels and specially designed to be worn with TENA fixation pants. The products are suitable for all types of incontinence.
TENA Slip	All-in-one incontinence products are designed to provide protection for healthy skin and high leakage security. The products are available in a range of sizes and absorbency levels and are suitable for all types of incontinence.
TENA Fix	A seamless, washable and reusable fixation pant supporting leakage security. Ensures that TENA Comfort and TENA Rectangular pads stay securely in place. Soft and elastic material provides comfort. Can be washed several times without losing shape.
TENA Bed	Provides protection for beds and chairs against accidental urine loss and during hygiene procedures. Dermatologically tested so it is gentle to the skin. Available in a range of sizes and absorbency levels.
Baby diaper assortment	
Libero assortment	The Libero assortment fulfils the demands for premium-brand baby diaper and the diapers have an absorption capacity/function that cover different steps of the baby's diaper needs. The diapers consist of an absorbent core, anti-leakage barrier, fastening system, and a back sheet. The assortment is uni-sex. Libero Newborn, Comfort, UP&GO, Touch, and Sleep Tight are all labelled with the Nordic Swan.
DryKids	DryKids assortment of breathable diapers for children quickly absorb urine and help to keep the child’s skin dry and healthy.

This environmental declaration covers the following products		Article number	Dimension (mm)	Weight ± 5% (g)
1	TENA Pants Normal S	791415 791465* 791466*	674 x 550	52
2	TENA Pants Normal M	791528 791568* 791569*	726 x 680	55
3	TENA Pants Normal L	791628 791668* 791669*	826 x 810	60
4	TENA Pants Normal XL (CA)	791765	883 x 920	60
5	TENA Pants Normal XL	791760* 791761	883 x 920	63
6	TENA Pants Plus XXS & XS	792314* 792339 792340* 792215	676 x 550	65
7	TENA Pants Plus S	792414 792415 792434 792464* 792465* 792435	676 x 550	65
8	TENA Pants Plus M	792514 792533 792534 792564* 792565* 792557 792558 792569	716 x 680	69

* Article approved according to the Nordic Ecolabel License 3023 0032, 3023 0038 or 3023 0069

This environmental declaration covers the following products cont.		Article number	Dimension (mm)	Weight ± 5% (g)
9	TENA Pants Plus L	792614 792634 792664* 792665* 792639 792641 792668	796 x 810	72
10	TENA Pants Plus XL	792712 792715 792734 792762* 792764* 792735	884 x 920	78
11	TENA Pants Super S	793412 793413 793462* 793463*	676 x 550	80
12	TENA Pants Super M	793512 793520 793534 793562* 793563* 793541 793542	716 x 680	83
13	TENA Pants Night Super M	793572 793576	716 x 680	85
14	TENA Pants Super L	793612 793614 793632 793662* 793663* 793637 793638	796 x 810	87

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This environmental declaration covers the following products cont.		Article number	Dimension (mm)	Weight ± 5% (g)
15	TENA Pants Night Super L	793672 793675	796 x 810	89
16	TENA Pants Super XL	793712 793713 793732 793762* 793763* 793733	884 x 920	92
17	TENA Pants Maxi S	794410* 794411	676 x 550	101
18	TENA Pants Maxi M	794510 794512 794530 794560* 794561* 794534 794535	716 x 680	105
19	TENA Pants Maxi L	794610 794623 794630 794660* 794661* 794636 794637	796 x 810	108
20	TENA Pants Maxi XL	794760* 794761 794762*	884 x 920	121
21	TENA Pants Plus Classic M	792547 782535 782531*	726 x 680	69

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This environmental declaration covers the following products cont.		Article number	Dimension (mm)	Weight ± 5% (g)
22	TENA Pants Plus Classic L	792624 782619 782618*	826 x 810	74
23	TENA Pants Original Normal M	791548	726 x 680	55
24	TENA Pants Original Normal L	791648	826 x 810	60
25	TENA Pants Original Plus M	792536	726 x 680	69
26	TENA Pants Original Plus L	792638	826 x 810	74
27	TENA Pants Discreet M	792108 792300 792102	750 x 652	48
28	TENA Pants Discreet L	793107 793300 793102	799 x 750	51
29	TENA Silh. Normal M, White pr	795522 795514	620 x 647	41
30	TENA Silh. Normal M, Black	795515 795516	620 x 647	41
31	TENA Silh. Normal L, White pr	795620 795614	712 x 730	44
32	TENA Silh. Normal L, Black	795619 795621	712 x 730	44
33	TENA Silh. Plus M, Crème & Noir	782509 703081 782512	726 x 680	57
34	TENA Silh. Plus L, Crème & Noir	782608 703082 782610	826 x 810	62

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The way we work

We assess the environmental impact of our products using a full life cycle approach, beginning with product design, through to manufacturing, transport, use, and disposal.

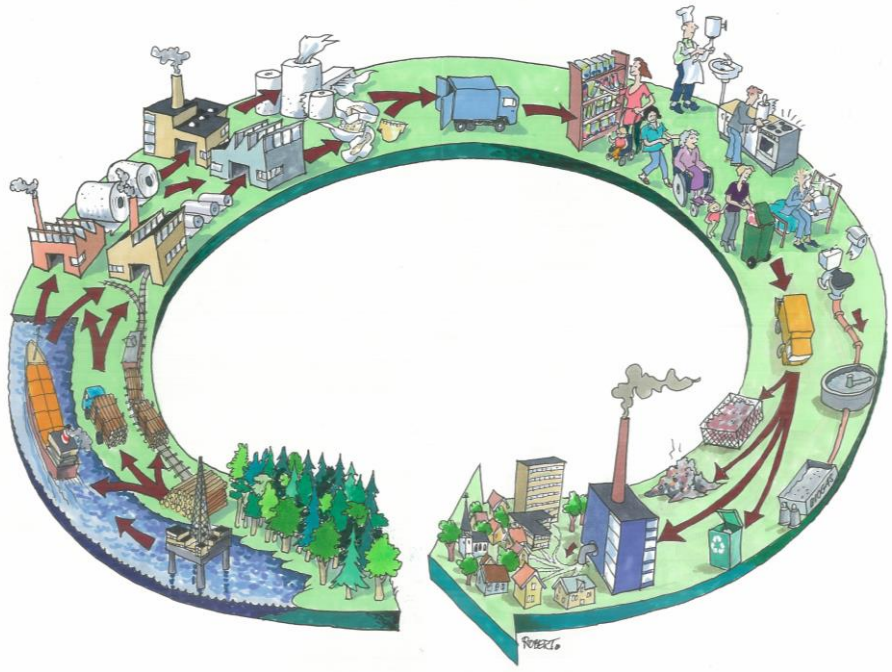
RESPONSIBLE SOURCING involves seeking high-quality raw materials that are safe from both a social and environmental perspective. The company's suppliers adhere to strict demands in Essity's Global Supplier Standard

RESOURCE EFFICIENT PRODUCTION is efficient use of resources, and the continuous reduction of energy and waste. Essity's objective is to develop products and services for a sustainable and circular society. The TENA production units are working with the management systems ISO 9001, ISO 14001 and OHSA 18001.

SUSTAINABLE SOLUTIONS are safe and environmentally sound innovations for hygiene products and services, based on customer and consumer insights, enabling us to meet their needs in daily life.

Environmental performance of our products

The information presented in an environmental product declaration is obtained from a Life Cycle Assessment (LCA), which is a study of the potential environmental impact of a product throughout its life cycle, including production of raw materials and products, use of the product, after use processes, and transports.



Environmental achievements

The following carbon footprint reductions for different TENA product groups have been achieved by working in a structured way to continually improve performance and efficiency.

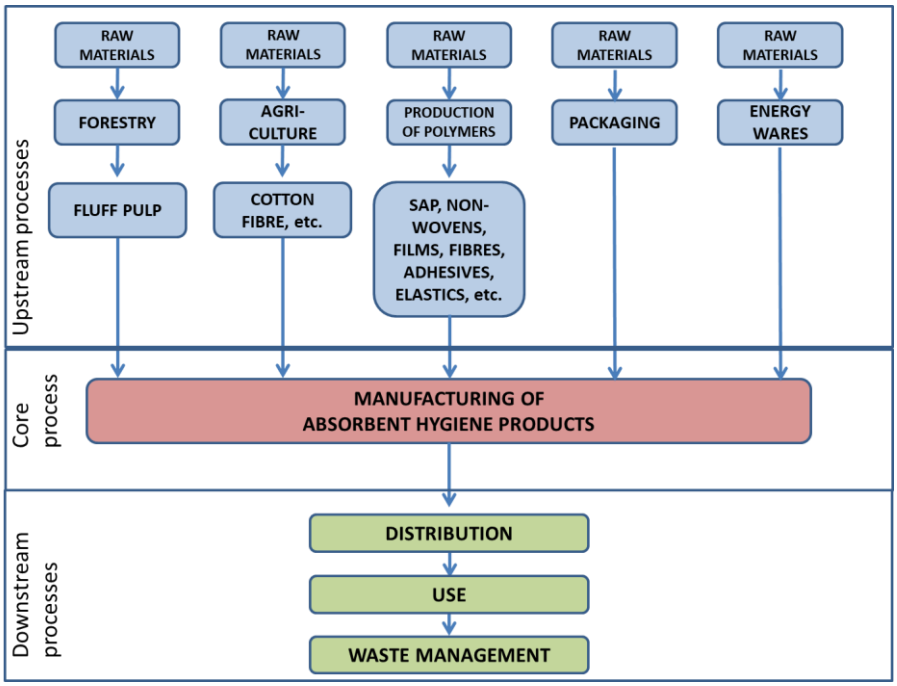
Product	Carbon footprint reduction Year 2008 – 2019
TENA Flex	- 18 %
TENA Female Liners & Pads	- 33 %
TENA Men	- 20 %
TENA Pants & Underwear	- 33 %
TENA Slip	- 20 %
TENA Comfort	- 19 %
TENA Bed	- 11 %

The LCA is conducted by Essity and verified by IVL, Swedish Environmental Research Institute Ltd, 2019. The carbon footprint reductions in Europe between 2008-2019 for TENA products are based on Life Cycle Assessments.

Production of TENA products

TENA products are made using high-quality materials, with strict requirements on product safety. The materials used are cellulose fibers from certified forestry and purpose-specific plastic materials. Production takes place at high-technology facilities with stringent hygienic and product safety standards that guarantee product quality and ensure users' safety and well-being.

Life cycle of an absorbent hygiene product



UPSTREAM PROCESSES
Extraction of natural resources, biomass production
Production of raw materials, energy wares, packaging materials
Transportation of input raw materials

CORE PROCESS
Manufacturing of TENA products

DOWNSTREAM PROCESSES
Transportation to customer
Product use
Waste management (including packaging)

LIFE CYCLE DESCRIPTION

The life cycle of a TENA product starts with the **UPSTREAM PROCESSES:** These include extraction of natural resources for the different raw materials as well as fuel production for both heat and power generation. The production of the raw materials, such as fluff pulp and superabsorbent polymers for the absorbent core, nonwovens for inner lining, and plastic films for the outer shell are part of the upstream processes. Transports of raw materials to the manufacturing

The **CORE PROCESS**, the actual manufacturing of the different TENA products, is a highly efficient converting process where the different materials are put together with high precision, which results in well performing products with an efficient use of resources thanks to innovative design and scientific solutions. The core process also includes handling of production waste.

In the **DOWNSTREAM PROCESSES,** the products are transported to the customer either in the homecare segment or for institutional users. The use phase as such has no environmental impact and gives therefore no contribution to the calculations. The final step is the waste management, also including handling of packaging waste.

The life cycle calculations for TENA products in this EPD are “cradle-to-grave”

Parameters in the declaration

FUNCTIONAL UNIT	The functional unit is according to PCR 2011:14, one product. In addition, the result is reported for a standard number of products used for one day, which is defined as four products.
CALCULATION OF GLOBAL WARMING POTENTIAL	Both emissions to and removals of CO_2 from the atmosphere, originating from both fossil and biogenic sources, are accounted for with a time interval of 100 years. Removal of carbon dioxide into growing trees and emissions of carbon dioxide corresponding to the content of biogenic carbon in the product is reported as CO_2 removals and biogenic CO_2 emissions, respectively.
WASTE MANAGEMENT SCENARIO	The waste management is calculated based on the sales of TENA products on the EU market, with an average waste handling for EU 27 (EUROSTAT 2019) giving a scenario with 55 % incineration and 45 % landfill. Impacts of incineration process with energy recovery are attributed 50 % to the product and 50 % to the energy recovery process. Benefits and credits of energy recovery are attributed 100 % to energy recovery (outside system boundaries). Biogenic CO_2 associated with waste management, is reported.
REPRESENTATIVE PRODUCT	A representative product is chosen when there are minor variations for the same product, such as technology and packaging. In the EPD, the representation of such different TENA products is done by a representative product, i.e. more than one product can be represented by the same calculation. The representative product always has the highest environmental impact, and hence a conservative approach is taken for the results. However, the variations within the different tiered products is not more than +/- 10 %, which follows the General Programme Instructions.
LIST OF MATERIALS	The materials listed in the composition table are combined into three groups in order to keep a level of confidentiality. A general list of content is also shown. For the life cycle calculations each product's particular specification have been used.
MANUFACTURING SITES	The TENA assortment is produced in the following factories; Falkenberg/Sweden Gennep/Netherlands, Olawa/Poland, Gemerská Hôrka/Slovakia, Hoogezand/Netherlands, Kartepe/Turkey, Drumondville/Canada. All production sites are certified with management systems for quality, environment and health and safety, ISO 9001, ISO 14001 and OHSA 18001.
GEOGRAPHICAL SCOPE	This EPD covers TENA products sold in Europe.
VALIDITY OF DATA	The most important raw materials in the products, pulp and SAP, are mainly data from 2016 - 2018. Supplier data for raw materials like film and nonwoven as well as other, minor materials are mainly from 2009-2016. Manufacturing data are from 2019. Article specifications are from 2020, with a few specifications from 2019.
THOUSAND SEPARATOR AND DECIMAL MARK	SI style (French version): 1 234,56; i.e. comma is used as decimal mark. Number of value digits: 3
PACKAGING	The packaging consists of a consumer pack, a polyethylene plastic bag, and transport packaging of corrugated board boxes, i.e. made of renewable fibers. A few articles of TENA Men and TENA Female Pads and Liners have a consumer pack of carton from renewable fibers.

Additional environmental information

WOOD PULP: Essity works with a strict sourcing policy and only use fibers from known sources. The suppliers are expected to continually increase the proportion of certified fibers from recognized certification schemes.

Certifications: All fluff pulp suppliers for TENA products are FSC Chain-of-Custody certified and all pulp meet as a minimum the FSC controlled wood standard, in addition to other forest certification schemes that may be applied.

ECF pulp: All pulps used for TENA products are produced in Elementary Chlorine Free (ECF) processes.

PLASTIC MATERIALS: All the plastic materials used in TENA products for the European market do not intentionally contain lead, hexavalent chrome and related compounds, phthalates, acrylamide, antimony, brominated flame retardants, or organotin compounds, except in form of impurities. The additives used in plastics comply with the EC Regulations No. 1272/2008 and No. 1907/2006 (REACH), and their subsequent amendments.
Lotions, creams and/or deodorant substances are not added to the products. Inks or dyes that may be present are used for functional requirements and not for aesthetic-commercial purposes.

PACKAGING: Packaging meets the requirements of Annex F of part IV, Legislative Decree 152/2006. Corrugated board boxes for transport packaging are made of at least 80 % recycled fibers

Update of TENA EPDs

The TENA EPDs were first published in 2015, and the number of articles for the TENA product groups have increased over the years. All EPDs were valid until October 2020 and are now updated with new calculations for all articles. The new results show in general improved environmental performance of the products. This corresponds well with actual product development for the TENA assortment. There is usually less materials used for updated product specifications, because of new and better product design, and improved materials. Also improved production by suppliers and in TENA manufacturing sites adds to the results presented in the EPDs.

Environmental Product Declaration
Verification & Programme Information

The calculations for the environmental product declaration (EPD) are performed according to ISO 14040 and ISO 14044, ISO 14025.

EPD's within the same product category but from different programmes may not be comparable.

Product category rules (PCR): Absorbent Hygiene Products, 2011:14, version 3.01, UN CPC 32193 General Programme Instructions ver.3.01
Programme operator: EPD International AB, Box 210 60, SE-100 31 Stockholm, Sweden e-mail: info@environdec.com
Product Category Rules review was conducted by: The Technical Committee of the International EPD® System. Chair: Massimo Marino Contact via info@environdec.com
Independent verification of the declaration and data, according to ISO 14025:2006: ☐ EPD process certification ☒ EPD verification
Procedure for follow up of data during EPD validity involves third party verifier: ☐Yes ☒ No
Third party verifier: Håkan Stripple at IVL Swedish Environmental Research Institute, P.O. Box 53021, SE-400 14 Gothenburg, Sweden Hakan.Stripple@IVL.se Accredited by : Håkan Stripple is an independent individual verifier in the International EPD® System.
Declaration owner: Essity Hygiene & Health AB SE-405 03 GÖTEBORG Anna-Karin Gunnergren, anna-karin.gunnergren@essity.com The EPD owner has the sole ownership, liability, and responsibility for the EPD

TENA Pants & Underwear – environmental performance

Close body fit for security and confidence. High performance products that are as easy to put on as underwear. TENA Pants & Underwear are available in a range of absorbency levels and sizes.

Composition for TENA Pants (all articles) Specific data is used in all calculations.	
Pulp	34 - 50 %
Polymers	21 - 33 %
Plastics	29 - 38 %

Content declaration
Calcium carbonate
Cellulose pulp
Colorant
Glue
Ink (part of assortment)
Polyester
Polyethylene
Polypropylene
Super absorbent
Synthetic elastics

1. TENA Pants Normal S 791415 & 791465 & 791466

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,106	0,016	0,035	0,157
	Biogenic	kg CO_2 eq.	-0,030	0,000	0,010	-0,019
	Land use and land transformation	kg CO_2 eq.	0,00007	0,00010	0,00007	0,00023
	Total	kg CO_2 eq.	0,077	0,016	0,045	0,138
Acidification potential (AP)		kg SO_2 eq.	4,43E-04	5,38E-05	2,24E-05	5,19E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	9,50E-05	6,15E-06	1,46E-05	1,16E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,21E-04	2,77E-05	1,54E-05	3,64E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	9,50E-08	5,23E-09	-1,66E-10	1,00E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,58E+00	2,00E-01	7,80E-02	2,86E+00
Water scarcity potential		m^3 eq.	2,85E+00	5,46E-03	4,91E-03	2,86E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	7,01E-01	1,15E-01	5,13E-03	8,22E-01
	Used as raw materials	MJ, net calorific value	3,13E-01	(N/A)	(N/A)	3,13E-01
	Total	MJ, net calorific value	1,01E+00	1,15E-01	5,13E-03	1,13E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,77E+00	2,60E-01	8,07E-02	3,11E+00
	Used as raw materials	MJ, net calorific value	9,20E-01	2,32E-04	2,40E-03	9,22E-01
	Total	MJ, net calorific value	3,69E+00	2,60E-01	8,31E-02	4,03E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	4,35E-03	1,26E-03	1,76E-04	5,78E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,10E-06	1,97E-10	3,17E-09	1,11E-06
Non-hazardous waste disposed	kg	3,41E-04	3,03E-04	1,50E-02	1,57E-02
Radioactive waste disposed	kg	2,21E-05	2,35E-05	6,43E-07	4,62E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	2,64E-02	2,64E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

1. TENA Pants Normal S 791415 & 791465 & 791466

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,425	0,064	0,140	0,629
	Biogenic	kg CO_2 eq.	-0,119	0,000	0,042	-0,077
	Land use and land transformation	kg CO_2 eq.	0,00026	0,00039	0,00026	0,00091
	Total	kg CO_2 eq.	0,306	0,064	0,182	0,552
Acidification potential (AP)		kg SO_2 eq.	1,77E-03	2,15E-04	8,97E-05	2,08E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	3,80E-04	2,46E-05	5,83E-05	4,63E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,29E-03	1,11E-04	6,16E-05	1,46E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	3,80E-07	2,09E-08	-6,66E-10	4,00E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,03E+01	8,01E-01	3,12E-01	1,14E+01
Water scarcoty potential		m^3 eq.	1,14E+01	2,18E-02	1,96E-02	1,14E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorofic value	2,80E+00	4,62E-01	2,05E-02	3,29E+00
	Used as raw materials	MJ, net calorofic value	1,25E+00	(N/A)	(N/A)	1,25E+00
	Total	MJ, net calorofic value	4,06E+00	4,62E-01	2,05E-02	4,54E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,11E+01	1,04E+00	3,23E-01	1,24E+01
	Used as raw materials	MJ, net calorofic value	3,68E+00	9,27E-04	9,60E-03	3,69E+00
	Total	MJ, net calorofic value	1,48E+01	1,04E+00	3,32E-01	1,61E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	1,74E-02	5,04E-03	7,04E-04	2,31E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	4,42E-06	7,88E-10	1,27E-08	4,43E-06
Non-hazardous waste disposed	kg	1,36E-03	1,21E-03	6,01E-02	6,26E-02
Radioactive waste disposed	kg	8,86E-05	9,38E-05	2,57E-06	1,85E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,06E-01	1,06E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

2. TENA Pants Normal M 791528 & 791568 & 791569

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,116	0,017	0,038	0,170
	Biogenic	kg CO_2 eq.	-0,030	0,000	0,010	-0,019
	Land use and land transformation	kg CO_2 eq.	0,00007	0,00010	0,00007	0,00024
	Total	kg CO_2 eq.	0,086	0,017	0,048	0,151
Acidification potential (AP)		kg SO_2 eq.	4,79E-04	5,75E-05	2,35E-05	5,60E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	9,98E-05	6,56E-06	1,50E-05	1,21E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,43E-04	2,95E-05	1,60E-05	3,89E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	9,83E-08	5,59E-09	-3,01E-10	1,04E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,85E+00	2,14E-01	8,17E-02	3,14E+00
Water scarcity potential		m^3 eq.	3,17E+00	5,83E-03	5,32E-03	3,18E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	7,06E-01	1,23E-01	5,39E-03	8,34E-01
	Used as raw materials	MJ, net calorific value	3,13E-01	(N/A)	(N/A)	3,13E-01
	Total	MJ, net calorific value	1,02E+00	1,23E-01	5,39E-03	1,15E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,06E+00	2,77E-01	8,45E-02	3,42E+00
	Used as raw materials	MJ, net calorific value	1,08E+00	2,48E-04	2,39E-03	1,08E+00
	Total	MJ, net calorific value	4,14E+00	2,78E-01	8,69E-02	4,50E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	4,63E-03	1,35E-03	1,91E-04	6,17E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,27E-06	2,10E-10	3,27E-09	1,27E-06
Non-hazardous waste disposed	kg	3,47E-04	3,24E-04	1,66E-02	1,72E-02
Radioactive waste disposed	kg	2,35E-05	2,50E-05	6,91E-07	4,92E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	2,81E-02	2,81E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

2. TENA Pants Normal M 791528 & 791568 & 791569

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,462	0,068	0,151	0,681
	Biogenic	kg CO_2 eq.	-0,119	0,000	0,042	-0,078
	Land use and land transformation	kg CO_2 eq.	0,00027	0,00041	0,00027	0,00096
	Total	kg CO_2 eq.	0,343	0,069	0,193	0,605
Acidification potential (AP)		kg SO_2 eq.	1,92E-03	2,30E-04	9,38E-05	2,24E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	3,99E-04	2,63E-05	5,99E-05	4,85E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,37E-03	1,18E-04	6,40E-05	1,56E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	3,93E-07	2,23E-08	-1,20E-09	4,14E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,14E+01	8,56E-01	3,27E-01	1,26E+01
Water scarcoty potential		m^3 eq.	1,27E+01	2,33E-02	2,13E-02	1,27E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,82E+00	4,93E-01	2,16E-02	3,34E+00
	Used as raw materials	MJ, net calorific value	1,25E+00	(N/A)	(N/A)	1,25E+00
	Total	MJ, net calorific value	4,07E+00	4,93E-01	2,16E-02	4,59E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,22E+01	1,11E+00	3,38E-01	1,37E+01
	Used as raw materials	MJ, net calorific value	4,32E+00	9,90E-04	9,56E-03	4,33E+00
	Total	MJ, net calorific value	1,65E+01	1,11E+00	3,47E-01	1,80E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	1,85E-02	5,38E-03	7,62E-04	2,47E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,08E-06	8,42E-10	1,31E-08	5,10E-06
Non-hazardous waste disposed	kg	1,39E-03	1,30E-03	6,63E-02	6,89E-02
Radioactive waste disposed	kg	9,40E-05	1,00E-04	2,76E-06	1,97E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,13E-01	1,13E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

3. TENA Pants Normal L 791628 & 791668 & 791669

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,131	0,019	0,043	0,192
	Biogenic	kg CO_2 eq.	-0,030	0,000	0,010	-0,019
	Land use and land transformation	kg CO_2 eq.	0,00008	0,00011	0,00007	0,00026
	Total	kg CO_2 eq.	0,102	0,019	0,053	0,173
Acidification potential (AP)		kg SO_2 eq.	5,39E-04	6,29E-05	2,58E-05	6,27E-04
Eutrophication potential (EP)		kg PO_4^{3} eq.	1,09E-04	7,19E-06	1,58E-05	1,32E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,80E-04	3,23E-05	1,72E-05	4,30E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,04E-07	6,12E-09	-4,96E-10	1,10E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	3,29E+00	2,34E-01	9,08E-02	3,61E+00
Water scarcity potential		m^3 eq.	3,70E+00	6,38E-03	5,98E-03	3,72E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorofic value	7,22E-01	1,35E-01	6,00E-03	8,63E-01
	Used as raw materials	MJ, net calorofic value	3,13E-01	(N/A)	(N/A)	3,13E-01
	Total	MJ, net calorofic value	1,04E+00	1,35E-01	6,00E-03	1,18E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	3,53E+00	3,04E-01	9,38E-02	3,93E+00
	Used as raw materials	MJ, net calorofic value	1,33E+00	2,71E-04	2,40E-03	1,33E+00
	Total	MJ, net calorofic value	4,86E+00	3,04E-01	9,62E-02	5,26E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	5,11E-03	1,47E-03	2,14E-04	6,80E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,55E-06	2,30E-10	3,62E-09	1,55E-06
Non-hazardous waste disposed	kg	3,61E-04	3,55E-04	1,90E-02	1,97E-02
Radioactive waste disposed	kg	2,61E-05	2,74E-05	7,72E-07	5,43E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,08E-02	3,08E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

3. TENA Pants Normal L 791628 & 791668 & 791669

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,525	0,075	0,170	0,770
	Biogenic	kg CO_2 eq.	-0,119	0,000	0,042	-0,077
	Land use and land transformation	kg CO_2 eq.	0,00030	0,00045	0,00030	0,00105
	Total	kg CO_2 eq.	0,406	0,075	0,212	0,694
Acidification potential (AP)		kg SO_2 eq.	2,15E-03	2,52E-04	1,03E-04	2,51E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	4,35E-04	2,88E-05	6,33E-05	5,27E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,52E-03	1,29E-04	6,86E-05	1,72E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,17E-07	2,45E-08	-1,98E-09	4,39E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,31E+01	9,37E-01	3,63E-01	1,44E+01
Water scarcoty potential		m^3 eq.	1,48E+01	2,55E-02	2,39E-02	1,49E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,89E+00	5,40E-01	2,40E-02	3,45E+00
	Used as raw materials	MJ, net calorific value	1,25E+00	(N/A)	(N/A)	1,25E+00
	Total	MJ, net calorific value	4,14E+00	5,40E-01	2,40E-02	4,71E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,41E+01	1,22E+00	3,75E-01	1,57E+01
	Used as raw materials	MJ, net calorific value	5,32E+00	1,08E-03	9,61E-03	5,33E+00
	Total	MJ, net calorific value	1,94E+01	1,22E+00	3,85E-01	2,10E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,04E-02	5,89E-03	8,55E-04	2,72E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,19E-06	9,21E-10	1,45E-08	6,21E-06
Non-hazardous waste disposed	kg	1,44E-03	1,42E-03	7,59E-02	7,87E-02
Radioactive waste disposed	kg	1,04E-04	1,10E-04	3,09E-06	2,17E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,23E-01	1,23E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

4. TENA Pants Normal XL (CA) 791765

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,137	0,019	0,044	0,200
	Biogenic	kg CO_2 eq.	-0,027	0,000	0,010	-0,017
	Land use and land transformation	kg CO_2 eq.	0,00008	0,00011	0,00008	0,00027
	Total	kg CO_2 eq.	0,110	0,019	0,054	0,183
Acidification potential (AP)		kg SO_2 eq.	5,51E-04	6,38E-05	2,65E-05	6,41E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,11E-04	7,28E-06	1,56E-05	1,34E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,86E-04	3,28E-05	1,71E-05	4,36E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,04E-07	6,20E-09	-1,88E-10	1,10E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,44E+00	2,37E-01	9,49E-02	3,77E+00
Water scarcity potential		m^3 eq.	3,90E+00	6,47E-03	6,21E-03	3,92E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	6,88E-01	1,37E-01	6,30E-03	8,31E-01
	Used as raw materials	MJ, net calorific value	2,88E-01	(N/A)	(N/A)	2,88E-01
	Total	MJ, net calorific value	9,76E-01	1,37E-01	6,30E-03	1,12E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,70E+00	3,08E-01	9,79E-02	4,10E+00
	Used as raw materials	MJ, net calorific value	1,43E+00	2,75E-04	2,26E-03	1,43E+00
	Total	MJ, net calorific value	5,12E+00	3,08E-01	1,00E-01	5,53E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	5,10E-03	1,49E-03	2,23E-04	6,81E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,18E-06	2,33E-10	3,81E-09	1,18E-06
Non-hazardous waste disposed	kg	3,54E-04	3,59E-04	2,00E-02	2,07E-02
Radioactive waste disposed	kg	2,76E-05	2,78E-05	7,95E-07	5,62E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,10E-02	3,10E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

4. TENA Pants Normal XL (CA) 791765

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,548	0,076	0,177	0,800
	Biogenic	kg CO_2 eq.	-0,109	0,000	0,039	-0,070
	Land use and land transformation	kg CO_2 eq.	0,00031	0,00046	0,00031	0,00108
	Total	kg CO_2 eq.	0,439	0,076	0,217	0,732
Acidification potential (AP)		kg SO_2 eq.	2,20E-03	2,55E-04	1,06E-04	2,56E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	4,44E-04	2,91E-05	6,25E-05	5,36E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,55E-03	1,31E-04	6,83E-05	1,74E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,15E-07	2,48E-08	-7,54E-10	4,39E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,38E+01	9,50E-01	3,80E-01	1,51E+01
Water scarcoty potential		m^3 eq.	1,56E+01	2,59E-02	2,48E-02	1,57E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorofic value	2,75E+00	5,47E-01	2,52E-02	3,32E+00
	Used as raw materials	MJ, net calorofic value	1,15E+00	(N/A)	(N/A)	1,15E+00
	Total	MJ, net calorofic value	3,90E+00	5,47E-01	2,52E-02	4,48E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,48E+01	1,23E+00	3,92E-01	1,64E+01
	Used as raw materials	MJ, net calorofic value	5,71E+00	1,10E-03	9,03E-03	5,72E+00
	Total	MJ, net calorofic value	2,05E+01	1,23E+00	4,01E-01	2,21E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,04E-02	5,97E-03	8,90E-04	2,72E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	4,72E-06	9,34E-10	1,52E-08	4,74E-06
Non-hazardous waste disposed	kg	1,41E-03	1,44E-03	7,98E-02	8,27E-02
Radioactive waste disposed	kg	1,10E-04	1,11E-04	3,18E-06	2,25E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,24E-01	1,24E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

5. TENA Pants Normal XL 791760 & 791761

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,139	0,020	0,045	0,203
	Biogenic	kg CO_2 eq.	-0,030	0,000	0,011	-0,019
	Land use and land transformation	kg CO_2 eq.	0,00008	0,00012	0,00008	0,00028
	Total	kg CO_2 eq.	0,109	0,020	0,056	0,185
Acidification potential (AP)		kg SO_2 eq.	5,63E-04	6,62E-05	2,74E-05	6,57E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,13E-04	7,56E-06	1,64E-05	1,37E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,96E-04	3,40E-05	1,79E-05	4,48E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,07E-07	6,43E-09	-5,21E-10	1,12E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,49E+00	2,46E-01	9,75E-02	3,83E+00
Water scarcity potential		m^3 eq.	3,84E+00	6,71E-03	6,32E-03	3,85E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	7,29E-01	1,42E-01	6,43E-03	8,78E-01
	Used as raw materials	MJ, net calorific value	3,13E-01	(N/A)	(N/A)	3,13E-01
	Total	MJ, net calorific value	1,04E+00	1,42E-01	6,43E-03	1,19E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,74E+00	3,19E-01	1,01E-01	4,16E+00
	Used as raw materials	MJ, net calorific value	1,45E+00	2,85E-04	2,42E-03	1,45E+00
	Total	MJ, net calorific value	5,19E+00	3,20E-01	1,03E-01	5,61E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	5,33E-03	1,55E-03	2,26E-04	7,10E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,61E-06	2,42E-10	3,92E-09	1,61E-06
Non-hazardous waste disposed	kg	3,68E-04	3,73E-04	2,02E-02	2,10E-02
Radioactive waste disposed	kg	2,78E-05	2,88E-05	8,16E-07	5,74E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,23E-02	3,23E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

5. TENA Pants Normal XL 791760 & 791761

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,554	0,079	0,181	0,814
	Biogenic	kg CO_2 eq.	-0,119	0,000	0,042	-0,077
	Land use and land transformation	kg CO_2 eq.	0,00031	0,00048	0,00032	0,00111
	Total	kg CO_2 eq.	0,436	0,079	0,223	0,738
Acidification potential (AP)		kg SO_2 eq.	2,25E-03	2,65E-04	1,10E-04	2,63E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	4,53E-04	3,02E-05	6,55E-05	5,49E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,58E-03	1,36E-04	7,15E-05	1,79E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,26E-07	2,57E-08	-2,08E-09	4,50E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,39E+01	9,85E-01	3,90E-01	1,53E+01
Water scarcoty potential		m^3 eq.	1,53E+01	2,68E-02	2,53E-02	1,54E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorofic value	2,92E+00	5,68E-01	2,57E-02	3,51E+00
	Used as raw materials	MJ, net calorofic value	1,25E+00	(N/A)	(N/A)	1,25E+00
	Total	MJ, net calorofic value	4,17E+00	5,68E-01	2,57E-02	4,76E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,50E+01	1,28E+00	4,03E-01	1,66E+01
	Used as raw materials	MJ, net calorofic value	5,79E+00	1,14E-03	9,68E-03	5,80E+00
	Total	MJ, net calorofic value	2,08E+01	1,28E+00	4,12E-01	2,24E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,13E-02	6,20E-03	9,06E-04	2,84E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,44E-06	9,69E-10	1,57E-08	6,46E-06
Non-hazardous waste disposed	kg	1,47E-03	1,49E-03	8,08E-02	8,38E-02
Radioactive waste disposed	kg	1,11E-04	1,15E-04	3,26E-06	2,30E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,29E-01	1,29E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

6. TENA Pants Plus XXS & XS 792314 & 792339 & 792340 & 792215

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,126	0,021	0,043	0,190
	Biogenic	kg CO_2 eq.	-0,048	0,000	0,016	-0,031
	Land use and land transformation	kg CO_2 eq.	0,00008	0,00013	0,00008	0,00029
	Total	kg CO_2 eq.	0,078	0,021	0,060	0,159
Acidification potential (AP)		kg SO_2 eq.	5,57E-04	6,98E-05	2,86E-05	6,55E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,21E-04	7,97E-06	2,07E-05	1,49E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,03E-04	3,59E-05	2,11E-05	4,60E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,21E-07	6,78E-09	-9,42E-11	1,28E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,97E+00	2,60E-01	9,63E-02	3,33E+00
Water scarcity potential		m^3 eq.	3,41E+00	7,08E-03	5,85E-03	3,42E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,04E+00	1,50E-01	6,29E-03	1,20E+00
	Used as raw materials	MJ, net calorific value	4,96E-01	(N/A)	(N/A)	4,96E-01
	Total	MJ, net calorific value	1,54E+00	1,50E-01	6,29E-03	1,70E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,20E+00	3,37E-01	9,99E-02	3,63E+00
	Used as raw materials	MJ, net calorific value	1,02E+00	3,01E-04	3,78E-03	1,02E+00
	Total	MJ, net calorific value	4,22E+00	3,37E-01	1,04E-01	4,66E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	5,37E-03	1,63E-03	2,10E-04	7,21E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,21E-06	2,55E-10	3,94E-09	1,21E-06
Non-hazardous waste disposed	kg	4,37E-04	3,93E-04	1,67E-02	1,76E-02
Radioactive waste disposed	kg	2,58E-05	3,04E-05	7,85E-07	5,70E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,36E-02	3,36E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

6. TENA Pants Plus XXS & XS 792314 & 792339 & 792340 & 792215

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,502	0,083	0,173	0,758
	Biogenic	kg CO_2 eq.	-0,190	0,000	0,066	-0,125
	Land use and land transformation	kg CO_2 eq.	0,00032	0,00050	0,00032	0,00115
	Total	kg CO_2 eq.	0,312	0,083	0,239	0,635
Acidification potential (AP)		kg SO_2 eq.	2,23E-03	2,79E-04	1,14E-04	2,62E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	4,83E-04	3,19E-05	8,26E-05	5,98E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,61E-03	1,43E-04	8,44E-05	1,84E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,83E-07	2,71E-08	-3,77E-10	5,10E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,19E+01	1,04E+00	3,85E-01	1,33E+01
Water scarcoty potential		m^3 eq.	1,36E+01	2,83E-02	2,34E-02	1,37E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorofic value	4,18E+00	5,99E-01	2,51E-02	4,80E+00
	Used as raw materials	MJ, net calorofic value	1,98E+00	(N/A)	(N/A)	1,98E+00
	Total	MJ, net calorofic value	6,16E+00	5,99E-01	2,51E-02	6,79E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,28E+01	1,35E+00	4,00E-01	1,45E+01
	Used as raw materials	MJ, net calorofic value	4,08E+00	1,20E-03	1,51E-02	4,09E+00
	Total	MJ, net calorofic value	1,69E+01	1,35E+00	4,15E-01	1,86E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,15E-02	6,54E-03	8,39E-04	2,88E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	4,84E-06	1,02E-09	1,58E-08	4,86E-06
Non-hazardous waste disposed	kg	1,75E-03	1,57E-03	6,69E-02	7,02E-02
Radioactive waste disposed	kg	1,03E-04	1,22E-04	3,14E-06	2,28E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,34E-01	1,34E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

7. TENA Pants Plus S 792414 & 792415 & 792434 & 792464 & 792465 & 792435

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,125	0,021	0,043	0,189
	Biogenic	kg CO_2 eq.	-0,048	0,000	0,017	-0,031
	Land use and land transformation	kg CO_2 eq.	0,00008	0,00013	0,00008	0,00029
	Total	kg CO_2 eq.	0,078	0,021	0,060	0,158
Acidification potential (AP)		kg SO_2 eq.	5,57E-04	6,95E-05	2,85E-05	6,55E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,21E-04	7,94E-06	2,07E-05	1,49E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,03E-04	3,57E-05	2,11E-05	4,59E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,19E-07	6,75E-09	6,38E-11	1,26E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,96E+00	2,59E-01	9,63E-02	3,31E+00
Water scarcity potential		m^3 eq.	3,38E+00	7,05E-03	5,83E-03	3,40E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,05E+00	1,49E-01	6,30E-03	1,20E+00
	Used as raw materials	MJ, net calorific value	4,96E-01	(N/A)	(N/A)	4,96E-01
	Total	MJ, net calorific value	1,55E+00	1,49E-01	6,30E-03	1,70E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,18E+00	3,35E-01	9,99E-02	3,62E+00
	Used as raw materials	MJ, net calorific value	1,01E+00	2,99E-04	3,80E-03	1,01E+00
	Total	MJ, net calorific value	4,19E+00	3,36E-01	1,04E-01	4,63E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	5,30E-03	1,63E-03	2,09E-04	7,13E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,07E-06	2,54E-10	3,95E-09	1,08E-06
Non-hazardous waste disposed	kg	4,39E-04	3,92E-04	1,66E-02	1,74E-02
Radioactive waste disposed	kg	2,60E-05	3,03E-05	7,81E-07	5,71E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,34E-02	3,34E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

7. TENA Pants Plus S 792414 & 792415 & 792434 & 792464 & 792465 & 792435

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,502	0,083	0,172	0,757
	Biogenic	kg CO_2 eq.	-0,190	0,000	0,066	-0,124
	Land use and land transformation	kg CO_2 eq.	0,00033	0,00050	0,00033	0,00115
	Total	kg CO_2 eq.	0,312	0,083	0,239	0,633
Acidification potential (AP)		kg SO_2 eq.	2,23E-03	2,78E-04	1,14E-04	2,62E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	4,83E-04	3,17E-05	8,27E-05	5,98E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,61E-03	1,43E-04	8,43E-05	1,84E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,76E-07	2,70E-08	2,55E-10	5,04E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,18E+01	1,03E+00	3,85E-01	1,32E+01
Water scarcoty potential		m^3 eq.	1,35E+01	2,82E-02	2,33E-02	1,36E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	4,20E+00	5,96E-01	2,52E-02	4,82E+00
	Used as raw materials	MJ, net calorific value	1,98E+00	(N/A)	(N/A)	1,98E+00
	Total	MJ, net calorific value	6,18E+00	5,96E-01	2,52E-02	6,80E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,27E+01	1,34E+00	4,00E-01	1,45E+01
	Used as raw materials	MJ, net calorific value	4,03E+00	1,20E-03	1,52E-02	4,04E+00
	Total	MJ, net calorific value	1,68E+01	1,34E+00	4,15E-01	1,85E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,12E-02	6,51E-03	8,36E-04	2,85E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	4,29E-06	1,02E-09	1,58E-08	4,31E-06
Non-hazardous waste disposed	kg	1,76E-03	1,57E-03	6,64E-02	6,97E-02
Radioactive waste disposed	kg	1,04E-04	1,21E-04	3,13E-06	2,28E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,34E-01	1,34E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

8. TENA Pants Plus M 792514 & 792533 & 792534 & 792564 & 792565 & 792557 & 792558 & 792569

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,138	0,022	0,047	0,207
	Biogenic	kg CO_2 eq.	-0,047	0,000	0,017	-0,031
	Land use and land transformation	kg CO_2 eq.	0,00009	0,00013	0,00009	0,00031
	Total	kg CO_2 eq.	0,091	0,022	0,064	0,176
Acidification potential (AP)		kg SO_2 eq.	6,05E-04	7,39E-05	3,04E-05	7,09E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,28E-04	8,45E-06	2,15E-05	1,58E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,33E-04	3,80E-05	2,21E-05	4,93E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,23E-07	7,19E-09	-1,44E-10	1,30E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,32E+00	2,75E-01	1,04E-01	3,69E+00
Water scarcity potential		m^3 eq.	3,81E+00	7,50E-03	6,34E-03	3,82E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,06E+00	1,59E-01	6,77E-03	1,23E+00
	Used as raw materials	MJ, net calorific value	4,96E-01	(N/A)	(N/A)	4,96E-01
	Total	MJ, net calorific value	1,56E+00	1,59E-01	6,77E-03	1,72E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,57E+00	3,57E-01	1,07E-01	4,03E+00
	Used as raw materials	MJ, net calorific value	1,21E+00	3,19E-04	3,84E-03	1,22E+00
	Total	MJ, net calorific value	4,78E+00	3,57E-01	1,11E-01	5,25E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	5,69E-03	1,73E-03	2,27E-04	7,65E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,36E-06	2,71E-10	4,23E-09	1,36E-06
Non-hazardous waste disposed	kg	4,50E-04	4,17E-04	1,84E-02	1,93E-02
Radioactive waste disposed	kg	2,80E-05	3,22E-05	8,46E-07	6,11E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,52E-02	3,52E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

8. TENA Pants Plus M 792514 & 792533 & 792534 & 792564 & 792565 & 792557 & 792558 & 792569

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,552	0,088	0,187	0,827
	Biogenic	kg CO_2 eq.	-0,190	0,000	0,067	-0,123
	Land use and land transformation	kg CO_2 eq.	0,00035	0,00053	0,00035	0,00123
	Total	kg CO_2 eq.	0,362	0,088	0,255	0,705
Acidification potential (AP)		kg SO_2 eq.	2,42E-03	2,96E-04	1,22E-04	2,84E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	5,12E-04	3,38E-05	8,58E-05	6,31E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,73E-03	1,52E-04	8,84E-05	1,97E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,93E-07	2,88E-08	-5,77E-10	5,21E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,33E+01	1,10E+00	4,14E-01	1,48E+01
Water scarcoty potential		m^3 eq.	1,52E+01	3,00E-02	2,54E-02	1,53E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	4,25E+00	6,34E-01	2,71E-02	4,91E+00
	Used as raw materials	MJ, net calorific value	1,98E+00	(N/A)	(N/A)	1,98E+00
	Total	MJ, net calorific value	6,23E+00	6,34E-01	2,71E-02	6,90E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,43E+01	1,43E+00	4,29E-01	1,61E+01
	Used as raw materials	MJ, net calorific value	4,85E+00	1,27E-03	1,53E-02	4,87E+00
	Total	MJ, net calorific value	1,91E+01	1,43E+00	4,45E-01	2,10E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,28E-02	6,93E-03	9,09E-04	3,06E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,43E-06	1,08E-09	1,69E-08	5,44E-06
Non-hazardous waste disposed	kg	1,80E-03	1,67E-03	7,38E-02	7,72E-02
Radioactive waste disposed	kg	1,12E-04	1,29E-04	3,38E-06	2,44E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,41E-01	1,41E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

9. TENA Pants Plus L 792614 & 792634 & 792664 & 792665 & 792639 & 792641 & 792668

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,154	0,024	0,051	0,229
	Biogenic	kg CO_2 eq.	-0,047	0,000	0,017	-0,030
	Land use and land transformation	kg CO_2 eq.	0,00009	0,00014	0,00009	0,00033
	Total	kg CO_2 eq.	0,106	0,024	0,069	0,199
Acidification potential (AP)		kg SO_2 eq.	6,64E-04	7,96E-05	3,26E-05	7,76E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,37E-04	9,09E-06	2,25E-05	1,69E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,69E-04	4,09E-05	2,34E-05	5,33E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,28E-07	7,74E-09	-2,57E-10	1,36E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,75E+00	2,96E-01	1,12E-01	4,16E+00
Water scarcity potential		m^3 eq.	4,33E+00	8,07E-03	6,95E-03	4,35E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,08E+00	1,71E-01	7,32E-03	1,26E+00
	Used as raw materials	MJ, net calorific value	4,96E-01	(N/A)	(N/A)	4,96E-01
	Total	MJ, net calorific value	1,58E+00	1,71E-01	7,32E-03	1,75E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,04E+00	3,84E-01	1,16E-01	4,54E+00
	Used as raw materials	MJ, net calorific value	1,46E+00	3,43E-04	3,93E-03	1,47E+00
	Total	MJ, net calorific value	5,50E+00	3,85E-01	1,20E-01	6,00E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	6,14E-03	1,86E-03	2,49E-04	8,25E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,55E-06	2,91E-10	4,54E-09	1,56E-06
Non-hazardous waste disposed	kg	4,64E-04	4,49E-04	2,06E-02	2,15E-02
Radioactive waste disposed	kg	3,08E-05	3,47E-05	9,21E-07	6,64E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,71E-02	3,71E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

9. TENA Pants Plus L 792614 & 792634 & 792664 & 792665 & 792639 & 792641 & 792668

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,615	0,095	0,205	0,915
	Biogenic	kg CO_2 eq.	-0,190	0,000	0,068	-0,121
	Land use and land transformation	kg CO_2 eq.	0,00037	0,00057	0,00037	0,00132
	Total	kg CO_2 eq.	0,426	0,095	0,274	0,795
Acidification potential (AP)		kg SO_2 eq.	2,65E-03	3,18E-04	1,31E-04	3,10E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	5,48E-04	3,64E-05	9,01E-05	6,74E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,88E-03	1,64E-04	9,35E-05	2,13E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	5,13E-07	3,09E-08	-1,03E-09	5,43E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,50E+01	1,19E+00	4,47E-01	1,66E+01
Water scarcoty potential		m^3 eq.	1,73E+01	3,23E-02	2,78E-02	1,74E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorofic value	4,32E+00	6,83E-01	2,93E-02	5,03E+00
	Used as raw materials	MJ, net calorofic value	1,98E+00	(N/A)	(N/A)	1,98E+00
	Total	MJ, net calorofic value	6,30E+00	6,83E-01	2,93E-02	7,02E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,62E+01	1,54E+00	4,63E-01	1,82E+01
	Used as raw materials	MJ, net calorofic value	5,85E+00	1,37E-03	1,57E-02	5,87E+00
	Total	MJ, net calorofic value	2,20E+01	1,54E+00	4,79E-01	2,40E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,45E-02	7,45E-03	9,96E-04	3,30E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,21E-06	1,17E-09	1,82E-08	6,23E-06
Non-hazardous waste disposed	kg	1,86E-03	1,79E-03	8,23E-02	8,60E-02
Radioactive waste disposed	kg	1,23E-04	1,39E-04	3,68E-06	2,66E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,48E-01	1,48E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

10. TENA Pants Plus XL 792712 & 792715 & 792734 & 792762 & 792764 & 792735

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,173	0,026	0,057	0,256
	Biogenic	kg CO_2 eq.	-0,047	0,000	0,017	-0,030
	Land use and land transformation	kg CO_2 eq.	0,00010	0,00015	0,00010	0,00036
	Total	kg CO_2 eq.	0,126	0,026	0,075	0,227
Acidification potential (AP)		kg SO_2 eq.	7,39E-04	8,59E-05	3,56E-05	8,60E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,48E-04	9,82E-06	2,37E-05	1,82E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,15E-04	4,42E-05	2,49E-05	5,84E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,34E-07	8,35E-09	-4,32E-10	1,42E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,30E+00	3,20E-01	1,23E-01	4,74E+00
Water scarcity potential		m^3 eq.	5,03E+00	8,72E-03	7,73E-03	5,05E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,11E+00	1,84E-01	8,08E-03	1,30E+00
	Used as raw materials	MJ, net calorific value	4,96E-01	(N/A)	(N/A)	4,96E-01
	Total	MJ, net calorific value	1,60E+00	1,84E-01	8,08E-03	1,79E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,63E+00	4,15E-01	1,27E-01	5,17E+00
	Used as raw materials	MJ, net calorific value	1,77E+00	3,70E-04	4,00E-03	1,77E+00
	Total	MJ, net calorific value	6,40E+00	4,15E-01	1,31E-01	6,94E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	6,71E-03	2,01E-03	2,77E-04	8,99E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,89E-06	3,15E-10	5,00E-09	1,90E-06
Non-hazardous waste disposed	kg	4,82E-04	4,84E-04	2,34E-02	2,43E-02
Radioactive waste disposed	kg	3,41E-05	3,75E-05	1,02E-06	7,25E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,98E-02	3,98E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

10. TENA Pants Plus XL 792712 & 792715 & 792734 & 792762 & 792764 & 792735

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,694	0,102	0,229	1,024
	Biogenic	kg CO_2 eq.	-0,189	0,000	0,070	-0,120
	Land use and land transformation	kg CO_2 eq.	0,00041	0,00062	0,00041	0,00144
	Total	kg CO_2 eq.	0,505	0,103	0,299	0,906
Acidification potential (AP)		kg SO_2 eq.	2,95E-03	3,44E-04	1,42E-04	3,44E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	5,94E-04	3,93E-05	9,49E-05	7,28E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,06E-03	1,77E-04	9,97E-05	2,34E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	5,37E-07	3,34E-08	-1,73E-09	5,69E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,72E+01	1,28E+00	4,93E-01	1,90E+01
Water scarcoty potential		m^3 eq.	2,01E+01	3,49E-02	3,09E-02	2,02E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	4,42E+00	7,37E-01	3,23E-02	5,19E+00
	Used as raw materials	MJ, net calorific value	1,98E+00	(N/A)	(N/A)	1,98E+00
	Total	MJ, net calorific value	6,41E+00	7,37E-01	3,23E-02	7,18E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,85E+01	1,66E+00	5,10E-01	2,07E+01
	Used as raw materials	MJ, net calorific value	7,07E+00	1,48E-03	1,60E-02	7,09E+00
	Total	MJ, net calorific value	2,56E+01	1,66E+00	5,26E-01	2,78E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,68E-02	8,05E-03	1,11E-03	3,60E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	7,56E-06	1,26E-09	2,00E-08	7,58E-06
Non-hazardous waste disposed	kg	1,93E-03	1,94E-03	9,35E-02	9,74E-02
Radioactive waste disposed	kg	1,36E-04	1,50E-04	4,07E-06	2,90E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,59E-01	1,59E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

11. TENA Pants Super S 793412 & 793413 & 793462 & 793463

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,149	0,025	0,051	0,225
	Biogenic	kg CO_2 eq.	-0,056	0,000	0,019	-0,037
	Land use and land transformation	kg CO_2 eq.	0,00010	0,00015	0,00010	0,00035
	Total	kg CO_2 eq.	0,093	0,025	0,070	0,189
Acidification potential (AP)		kg SO_2 eq.	6,54E-04	8,48E-05	3,48E-05	7,74E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,50E-04	9,69E-06	2,47E-05	1,84E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,88E-04	4,36E-05	2,53E-05	5,57E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,60E-07	8,25E-09	1,71E-10	1,68E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,49E+00	3,16E-01	1,17E-01	3,93E+00
Water scarcity potential		m^3 eq.	3,75E+00	8,61E-03	7,25E-03	3,76E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,24E+00	1,82E-01	7,70E-03	1,43E+00
	Used as raw materials	MJ, net calorific value	5,89E-01	(N/A)	(N/A)	5,89E-01
	Total	MJ, net calorific value	1,83E+00	1,82E-01	7,70E-03	2,02E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,75E+00	4,10E-01	1,22E-01	4,29E+00
	Used as raw materials	MJ, net calorific value	1,04E+00	3,65E-04	4,47E-03	1,05E+00
	Total	MJ, net calorific value	4,80E+00	4,10E-01	1,26E-01	5,33E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	6,65E-03	1,99E-03	2,60E-04	8,90E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,28E-06	3,11E-10	4,79E-09	1,29E-06
Non-hazardous waste disposed	kg	5,31E-04	4,78E-04	2,09E-02	2,19E-02
Radioactive waste disposed	kg	3,15E-05	3,70E-05	9,63E-07	6,94E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	4,11E-02	4,11E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

11. TENA Pants Super S 793412 & 793413 & 793462 & 793463

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,597	0,101	0,203	0,901
	Biogenic	kg CO_2 eq.	-0,226	0,000	0,078	-0,148
	Land use and land transformation	kg CO_2 eq.	0,00038	0,00061	0,00039	0,00139
	Total	kg CO_2 eq.	0,372	0,101	0,282	0,755
Acidification potential (AP)		kg SO_2 eq.	2,62E-03	3,39E-04	1,39E-04	3,10E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	5,98E-04	3,88E-05	9,90E-05	7,36E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,95E-03	1,74E-04	1,01E-04	2,23E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,40E-07	3,30E-08	6,84E-10	6,74E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,40E+01	1,26E+00	4,70E-01	1,57E+01
Water scarcoty potential		m^3 eq.	1,50E+01	3,44E-02	2,90E-02	1,51E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	4,96E+00	7,28E-01	3,08E-02	5,71E+00
	Used as raw materials	MJ, net calorific value	2,35E+00	(N/A)	(N/A)	2,35E+00
	Total	MJ, net calorific value	7,31E+00	7,28E-01	3,08E-02	8,07E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,50E+01	1,64E+00	4,87E-01	1,71E+01
	Used as raw materials	MJ, net calorific value	4,18E+00	1,46E-03	1,79E-02	4,20E+00
	Total	MJ, net calorific value	1,92E+01	1,64E+00	5,05E-01	2,13E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,66E-02	7,95E-03	1,04E-03	3,56E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,12E-06	1,24E-09	1,92E-08	5,14E-06
Non-hazardous waste disposed	kg	2,12E-03	1,91E-03	8,37E-02	8,77E-02
Radioactive waste disposed	kg	1,26E-04	1,48E-04	3,85E-06	2,78E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,64E-01	1,64E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

12. TENA Pants Super M 793512 & 793520 & 793534 & 793562 & 793563 & 793541 & 793542

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,161	0,026	0,054	0,242
	Biogenic	kg CO_2 eq.	-0,056	0,000	0,020	-0,037
	Land use and land transformation	kg CO_2 eq.	0,00010	0,00016	0,00010	0,00036
	Total	kg CO_2 eq.	0,105	0,027	0,074	0,205
Acidification potential (AP)		kg SO_2 eq.	6,98E-04	8,89E-05	3,66E-05	8,24E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,56E-04	1,02E-05	2,55E-05	1,92E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,15E-04	4,57E-05	2,63E-05	5,87E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,64E-07	8,64E-09	8,17E-11	1,73E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,82E+00	3,31E-01	1,24E-01	4,27E+00
Water scarcity potential		m^3 eq.	4,16E+00	9,02E-03	7,72E-03	4,17E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,25E+00	1,91E-01	8,15E-03	1,45E+00
	Used as raw materials	MJ, net calorific value	5,89E-01	(N/A)	(N/A)	5,89E-01
	Total	MJ, net calorific value	1,84E+00	1,91E-01	8,15E-03	2,04E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,10E+00	4,29E-01	1,29E-01	4,66E+00
	Used as raw materials	MJ, net calorific value	1,23E+00	3,83E-04	4,51E-03	1,23E+00
	Total	MJ, net calorific value	5,33E+00	4,29E-01	1,33E-01	5,90E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	6,98E-03	2,08E-03	2,77E-04	9,34E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,41E-06	3,25E-10	5,06E-09	1,42E-06
Non-hazardous waste disposed	kg	5,41E-04	5,01E-04	2,26E-02	2,36E-02
Radioactive waste disposed	kg	3,34E-05	3,87E-05	1,02E-06	7,32E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	4,27E-02	4,27E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

12. TENA Pants Super M 793512 & 793520 & 793534 & 793562 & 793563 & 793541 & 793542

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,644	0,106	0,217	0,967
	Biogenic	kg CO_2 eq.	-0,226	0,000	0,079	-0,147
	Land use and land transformation	kg CO_2 eq.	0,00040	0,00064	0,00042	0,00146
	Total	kg CO_2 eq.	0,419	0,106	0,296	0,821
Acidification potential (AP)		kg SO_2 eq.	2,79E-03	3,56E-04	1,46E-04	3,29E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	6,25E-04	4,06E-05	1,02E-04	7,67E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,06E-03	1,83E-04	1,05E-04	2,35E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,56E-07	3,46E-08	3,27E-10	6,91E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,53E+01	1,32E+00	4,97E-01	1,71E+01
Water scarcoty potential		m^3 eq.	1,66E+01	3,61E-02	3,09E-02	1,67E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5,01E+00	7,63E-01	3,26E-02	5,80E+00
	Used as raw materials	MJ, net calorific value	2,35E+00	(N/A)	(N/A)	2,35E+00
	Total	MJ, net calorific value	7,36E+00	7,63E-01	3,26E-02	8,16E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,64E+01	1,72E+00	5,15E-01	1,86E+01
	Used as raw materials	MJ, net calorific value	4,92E+00	1,53E-03	1,80E-02	4,94E+00
	Total	MJ, net calorific value	2,13E+01	1,72E+00	5,33E-01	2,36E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,79E-02	8,33E-03	1,11E-03	3,74E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,64E-06	1,30E-09	2,02E-08	5,66E-06
Non-hazardous waste disposed	kg	2,16E-03	2,00E-03	9,03E-02	9,45E-02
Radioactive waste disposed	kg	1,34E-04	1,55E-04	4,08E-06	2,93E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,71E-01	1,71E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

13. TENA Pants Night Super M 793572 & 793576

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,162	0,027	0,056	0,245
	Biogenic	kg CO_2 eq.	-0,062	0,000	0,022	-0,041
	Land use and land transformation	kg CO_2 eq.	0,00010	0,00016	0,00011	0,00038
	Total	kg CO_2 eq.	0,100	0,027	0,078	0,205
Acidification potential (AP)		kg SO_2 eq.	7,16E-04	9,08E-05	3,77E-05	8,45E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,61E-04	1,04E-05	2,73E-05	1,99E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,24E-04	4,67E-05	2,78E-05	5,98E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,64E-07	8,83E-09	1,21E-10	1,73E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	3,79E+00	3,38E-01	1,27E-01	4,26E+00
Water scarcity potential		m^3 eq.	4,26E+00	9,22E-03	7,67E-03	4,28E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorofic value	1,38E+00	1,95E-01	8,31E-03	1,58E+00
	Used as raw materials	MJ, net calorofic value	6,51E-01	(N/A)	(N/A)	6,51E-01
	Total	MJ, net calorofic value	2,03E+00	1,95E-01	8,31E-03	2,23E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	4,08E+00	4,39E-01	1,32E-01	4,65E+00
	Used as raw materials	MJ, net calorofic value	1,22E+00	3,91E-04	5,01E-03	1,23E+00
	Total	MJ, net calorofic value	5,30E+00	4,39E-01	1,37E-01	5,88E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	7,02E-03	2,13E-03	2,75E-04	9,43E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,37E-06	3,33E-10	5,23E-09	1,37E-06
Non-hazardous waste disposed	kg	5,60E-04	5,12E-04	2,18E-02	2,28E-02
Radioactive waste disposed	kg	3,40E-05	3,96E-05	1,03E-06	7,46E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	4,37E-02	4,37E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

13. TENA Pants Night Super M 793572 & 793576

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,648	0,108	0,223	0,979
	Biogenic	kg CO_2 eq.	-0,249	0,000	0,087	-0,162
	Land use and land transformation	kg CO_2 eq.	0,00042	0,00065	0,00043	0,00150
	Total	kg CO_2 eq.	0,399	0,108	0,311	0,818
Acidification potential (AP)		kg SO_2 eq.	2,87E-03	3,63E-04	1,51E-04	3,38E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	6,44E-04	4,15E-05	1,09E-04	7,95E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,10E-03	1,87E-04	1,11E-04	2,39E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,55E-07	3,53E-08	4,85E-10	6,91E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,52E+01	1,35E+00	5,09E-01	1,70E+01
Water scarcoty potential		m^3 eq.	1,71E+01	3,69E-02	3,07E-02	1,71E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorofic value	5,51E+00	7,79E-01	3,32E-02	6,32E+00
	Used as raw materials	MJ, net calorofic value	2,60E+00	(N/A)	(N/A)	2,60E+00
	Total	MJ, net calorofic value	8,11E+00	7,79E-01	3,32E-02	8,92E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,63E+01	1,75E+00	5,28E-01	1,86E+01
	Used as raw materials	MJ, net calorofic value	4,88E+00	1,57E-03	2,01E-02	4,91E+00
	Total	MJ, net calorofic value	2,12E+01	1,76E+00	5,48E-01	2,35E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,81E-02	8,51E-03	1,10E-03	3,77E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,48E-06	1,33E-09	2,09E-08	5,50E-06
Non-hazardous waste disposed	kg	2,24E-03	2,05E-03	8,70E-02	9,13E-02
Radioactive waste disposed	kg	1,36E-04	1,58E-04	4,11E-06	2,98E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,75E-01	1,75E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

14. TENA Pants Super L 793612 & 793614 & 793632 & 793662 & 793663 & 793637 & 793638

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,176	0,028	0,059	0,263
	Biogenic	kg CO_2 eq.	-0,056	0,000	0,020	-0,036
	Land use and land transformation	kg CO_2 eq.	0,00011	0,00017	0,00011	0,00039
	Total	kg CO_2 eq.	0,120	0,028	0,079	0,227
Acidification potential (AP)		kg SO_2 eq.	7,55E-04	9,45E-05	3,86E-05	8,88E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,64E-04	1,08E-05	2,65E-05	2,02E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,50E-04	4,86E-05	2,75E-05	6,26E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,68E-07	9,19E-09	-3,01E-11	1,78E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,24E+00	3,52E-01	1,32E-01	4,73E+00
Water scarcity potential		m^3 eq.	4,67E+00	9,59E-03	8,32E-03	4,69E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,27E+00	2,03E-01	8,66E-03	1,48E+00
	Used as raw materials	MJ, net calorific value	5,89E-01	(N/A)	(N/A)	5,89E-01
	Total	MJ, net calorific value	1,85E+00	2,03E-01	8,66E-03	2,07E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,56E+00	4,56E-01	1,37E-01	5,15E+00
	Used as raw materials	MJ, net calorific value	1,48E+00	4,07E-04	4,59E-03	1,48E+00
	Total	MJ, net calorific value	6,04E+00	4,57E-01	1,41E-01	6,64E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	7,41E-03	2,21E-03	2,98E-04	9,92E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,61E-06	3,46E-10	5,34E-09	1,61E-06
Non-hazardous waste disposed	kg	5,53E-04	5,33E-04	2,47E-02	2,58E-02
Radioactive waste disposed	kg	3,60E-05	4,12E-05	1,09E-06	7,82E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	4,46E-02	4,46E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

14. TENA Pants Super L 793612 & 793614 & 793632 & 793662 & 793663 & 793637 & 793638

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,704	0,112	0,234	1,051
	Biogenic	kg CO_2 eq.	-0,225	0,000	0,080	-0,146
	Land use and land transformation	kg CO_2 eq.	0,00043	0,00068	0,00044	0,00155
	Total	kg CO_2 eq.	0,479	0,113	0,315	0,907
Acidification potential (AP)		kg SO_2 eq.	3,02E-03	3,78E-04	1,54E-04	3,55E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	6,58E-04	4,32E-05	1,06E-04	8,07E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,20E-03	1,94E-04	1,10E-04	2,50E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,74E-07	3,67E-08	-1,20E-10	7,10E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,70E+01	1,41E+00	5,27E-01	1,89E+01
Water scarcoty potential		m^3 eq.	1,87E+01	3,84E-02	3,33E-02	1,88E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5,06E+00	8,11E-01	3,47E-02	5,91E+00
	Used as raw materials	MJ, net calorific value	2,35E+00	(N/A)	(N/A)	2,35E+00
	Total	MJ, net calorific value	7,41E+00	8,11E-01	3,47E-02	8,26E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,82E+01	1,83E+00	5,46E-01	2,06E+01
	Used as raw materials	MJ, net calorific value	5,91E+00	1,63E-03	1,84E-02	5,93E+00
	Total	MJ, net calorific value	2,42E+01	1,83E+00	5,65E-01	2,65E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,96E-02	8,85E-03	1,19E-03	3,97E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,42E-06	1,38E-09	2,14E-08	6,45E-06
Non-hazardous waste disposed	kg	2,21E-03	2,13E-03	9,88E-02	1,03E-01
Radioactive waste disposed	kg	1,44E-04	1,65E-04	4,38E-06	3,13E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,78E-01	1,78E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

15. TENA Pants Night Super L 793672 & 793675

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,178	0,029	0,060	0,267
	Biogenic	kg CO_2 eq.	-0,062	0,000	0,022	-0,040
	Land use and land transformation	kg CO_2 eq.	0,00011	0,00017	0,00012	0,00040
	Total	kg CO_2 eq.	0,116	0,029	0,083	0,228
Acidification potential (AP)		kg SO_2 eq.	7,78E-04	9,65E-05	4,02E-05	9,14E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,70E-04	1,10E-05	2,84E-05	2,10E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,62E-04	4,96E-05	2,92E-05	6,40E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,69E-07	9,38E-09	2,46E-11	1,78E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,24E+00	3,59E-01	1,37E-01	4,74E+00
Water scarcity potential		m^3 eq.	4,83E+00	9,79E-03	8,29E-03	4,85E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,39E+00	2,07E-01	8,93E-03	1,61E+00
	Used as raw materials	MJ, net calorific value	6,51E-01	(N/A)	(N/A)	6,51E-01
	Total	MJ, net calorific value	2,05E+00	2,07E-01	8,93E-03	2,26E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,57E+00	4,66E-01	1,42E-01	5,17E+00
	Used as raw materials	MJ, net calorific value	1,48E+00	4,16E-04	5,12E-03	1,48E+00
	Total	MJ, net calorific value	6,04E+00	4,66E-01	1,47E-01	6,66E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	7,47E-03	2,26E-03	2,97E-04	1,00E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,56E-06	3,53E-10	5,60E-09	1,57E-06
Non-hazardous waste disposed	kg	5,74E-04	5,44E-04	2,39E-02	2,50E-02
Radioactive waste disposed	kg	3,67E-05	4,20E-05	1,11E-06	7,99E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	4,56E-02	4,56E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,713	0,115	0,241	1,069
	Biogenic	kg CO_2 eq.	-0,249	0,000	0,089	-0,160
	Land use and land transformation	kg CO_2 eq.	0,00045	0,00069	0,00046	0,00160
	Total	kg CO_2 eq.	0,464	0,115	0,331	0,910
Acidification potential (AP)		kg SO_2 eq.	3,11E-03	3,86E-04	1,61E-04	3,66E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	6,81E-04	4,41E-05	1,14E-04	8,39E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,25E-03	1,98E-04	1,17E-04	2,56E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,75E-07	3,75E-08	9,86E-11	7,13E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,70E+01	1,44E+00	5,46E-01	1,90E+01
Water scarcoty potential		m^3 eq.	1,93E+01	3,91E-02	3,32E-02	1,94E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorofic value	5,58E+00	8,28E-01	3,57E-02	6,44E+00
	Used as raw materials	MJ, net calorofic value	2,60E+00	(N/A)	(N/A)	2,60E+00
	Total	MJ, net calorofic value	8,18E+00	8,28E-01	3,57E-02	9,04E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,83E+01	1,86E+00	5,66E-01	2,07E+01
	Used as raw materials	MJ, net calorofic value	5,91E+00	1,66E-03	2,05E-02	5,94E+00
	Total	MJ, net calorofic value	2,42E+01	1,86E+00	5,87E-01	2,66E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,99E-02	9,04E-03	1,19E-03	4,01E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,25E-06	1,41E-09	2,24E-08	6,27E-06
Non-hazardous waste disposed	kg	2,29E-03	2,17E-03	9,57E-02	1,00E-01
Radioactive waste disposed	kg	1,47E-04	1,68E-04	4,42E-06	3,19E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,82E-01	1,82E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

16. TENA Pants Super XL 793712 & 793713 & 793732 & 793762 & 793763 & 793733

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,194	0,030	0,064	0,288
	Biogenic	kg CO_2 eq.	-0,056	0,000	0,020	-0,036
	Land use and land transformation	kg CO_2 eq.	0,00011	0,00018	0,00012	0,00041
	Total	kg CO_2 eq.	0,138	0,030	0,084	0,253
Acidification potential (AP)		kg SO_2 eq.	8,25E-04	1,01E-04	4,11E-05	9,67E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,75E-04	1,15E-05	2,75E-05	2,14E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,93E-04	5,18E-05	2,88E-05	6,74E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,73E-07	9,80E-09	-2,15E-10	1,83E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,76E+00	3,76E-01	1,41E-01	5,28E+00
Water scarcity potential		m^3 eq.	5,33E+00	1,02E-02	9,07E-03	5,35E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,28E+00	2,16E-01	9,30E-03	1,51E+00
	Used as raw materials	MJ, net calorific value	5,89E-01	(N/A)	(N/A)	5,89E-01
	Total	MJ, net calorific value	1,87E+00	2,16E-01	9,30E-03	2,10E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	5,12E+00	4,87E-01	1,46E-01	5,75E+00
	Used as raw materials	MJ, net calorific value	1,78E+00	4,35E-04	4,63E-03	1,78E+00
	Total	MJ, net calorific value	6,89E+00	4,87E-01	1,51E-01	7,53E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	7,93E-03	2,36E-03	3,25E-04	1,06E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,94E-06	3,69E-10	5,68E-09	1,95E-06
Non-hazardous waste disposed	kg	5,68E-04	5,68E-04	2,74E-02	2,86E-02
Radioactive waste disposed	kg	3,88E-05	4,40E-05	1,19E-06	8,39E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	4,73E-02	4,73E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

16. TENA Pants Super XL 793712 & 793713 & 793732 & 793762 & 793763 & 793733

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,777	0,120	0,256	1,153
	Biogenic	kg CO_2 eq.	-0,225	0,000	0,081	-0,145
	Land use and land transformation	kg CO_2 eq.	0,00046	0,00073	0,00047	0,00165
	Total	kg CO_2 eq.	0,552	0,120	0,337	1,010
Acidification potential (AP)		kg SO_2 eq.	3,30E-03	4,03E-04	1,64E-04	3,87E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	6,98E-04	4,61E-05	1,10E-04	8,54E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,37E-03	2,07E-04	1,15E-04	2,70E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,94E-07	3,92E-08	-8,59E-10	7,32E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,90E+01	1,50E+00	5,65E-01	2,11E+01
Water scarcoty potential		m^3 eq.	2,13E+01	4,09E-02	3,63E-02	2,14E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5,14E+00	8,65E-01	3,72E-02	6,04E+00
	Used as raw materials	MJ, net calorific value	2,35E+00	(N/A)	(N/A)	2,35E+00
	Total	MJ, net calorific value	7,49E+00	8,65E-01	3,72E-02	8,39E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,05E+01	1,95E+00	5,84E-01	2,30E+01
	Used as raw materials	MJ, net calorific value	7,10E+00	1,74E-03	1,85E-02	7,12E+00
	Total	MJ, net calorific value	2,76E+01	1,95E+00	6,03E-01	3,01E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	3,17E-02	9,45E-03	1,30E-03	4,25E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	7,78E-06	1,48E-09	2,27E-08	7,80E-06
Non-hazardous waste disposed	kg	2,27E-03	2,27E-03	1,10E-01	1,14E-01
Radioactive waste disposed	kg	1,55E-04	1,76E-04	4,74E-06	3,36E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,89E-01	1,89E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

17. TENA Pants Maxi S 794410 & 794411

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,174	0,032	0,062	0,267
	Biogenic	kg CO_2 eq.	-0,079	0,000	0,027	-0,053
	Land use and land transformation	kg CO_2 eq.	0,00012	0,00019	0,00012	0,00043
	Total	kg CO_2 eq.	0,095	0,032	0,089	0,215
Acidification potential (AP)		kg SO_2 eq.	7,91E-04	1,06E-04	4,36E-05	9,41E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,87E-04	1,21E-05	3,26E-05	2,32E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,97E-04	5,45E-05	3,28E-05	6,84E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,03E-07	1,03E-08	4,65E-10	2,14E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,95E+00	3,95E-01	1,45E-01	4,49E+00
Water scarcity potential		m^3 eq.	4,25E+00	1,08E-02	8,69E-03	4,27E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,69E+00	2,27E-01	9,47E-03	1,93E+00
	Used as raw materials	MJ, net calorific value	8,24E-01	(N/A)	(N/A)	8,24E-01
	Total	MJ, net calorific value	2,51E+00	2,27E-01	9,47E-03	2,75E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,25E+00	5,12E-01	1,51E-01	4,91E+00
	Used as raw materials	MJ, net calorific value	1,03E+00	4,57E-04	6,15E-03	1,04E+00
	Total	MJ, net calorific value	5,28E+00	5,12E-01	1,57E-01	5,95E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	8,12E-03	2,48E-03	3,12E-04	1,09E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,32E-06	3,88E-10	5,98E-09	1,33E-06
Non-hazardous waste disposed	kg	6,71E-04	5,98E-04	2,40E-02	2,53E-02
Radioactive waste disposed	kg	3,70E-05	4,62E-05	1,17E-06	8,44E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	5,18E-02	5,18E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,695	0,126	0,247	1,068
	Biogenic	kg CO_2 eq.	-0,317	0,000	0,107	-0,210
	Land use and land transformation	kg CO_2 eq.	0,00047	0,00076	0,00049	0,00172
	Total	kg CO_2 eq.	0,378	0,127	0,354	0,859
Acidification potential (AP)		kg SO_2 eq.	3,16E-03	4,24E-04	1,74E-04	3,76E-03
Eutrophication potential (EP)		kg PO_4^{3} eq.	7,48E-04	4,85E-05	1,30E-04	9,27E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,39E-03	2,18E-04	1,31E-04	2,74E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	8,11E-07	4,12E-08	1,86E-09	8,54E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,58E+01	1,58E+00	5,80E-01	1,80E+01
Water scarcoty potential		m^3 eq.	1,70E+01	4,30E-02	3,48E-02	1,71E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	6,75E+00	9,10E-01	3,79E-02	7,70E+00
	Used as raw materials	MJ, net calorific value	3,30E+00	(N/A)	(N/A)	3,30E+00
	Total	MJ, net calorific value	1,01E+01	9,10E-01	3,79E-02	1,10E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,70E+01	2,05E+00	6,03E-01	1,96E+01
	Used as raw materials	MJ, net calorific value	4,14E+00	1,83E-03	2,46E-02	4,16E+00
	Total	MJ, net calorific value	2,11E+01	2,05E+00	6,27E-01	2,38E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	3,25E-02	9,93E-03	1,25E-03	4,36E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,29E-06	1,55E-09	2,39E-08	5,32E-06
Non-hazardous waste disposed	kg	2,68E-03	2,39E-03	9,60E-02	1,01E-01
Radioactive waste disposed	kg	1,48E-04	1,85E-04	4,68E-06	3,38E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	2,07E-01	2,07E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

18. TENA Pants Maxi M 794510 & 794512 & 794530 & 794560 & 794561 & 794534 & 794535

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,187	0,033	0,066	0,285
	Biogenic	kg CO_2 eq.	-0,079	0,000	0,027	-0,052
	Land use and land transformation	kg CO_2 eq.	0,00012	0,00020	0,00013	0,00045
	Total	kg CO_2 eq.	0,108	0,033	0,093	0,234
Acidification potential (AP)		kg SO_2 eq.	8,41E-04	1,11E-04	4,54E-05	9,97E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,94E-04	1,27E-05	3,34E-05	2,40E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	6,27E-04	5,70E-05	3,38E-05	7,18E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,07E-07	1,08E-08	3,79E-10	2,18E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,32E+00	4,13E-01	1,52E-01	4,89E+00
Water scarcity potential		m^3 eq.	4,72E+00	1,12E-02	9,22E-03	4,75E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,70E+00	2,38E-01	9,92E-03	1,95E+00
	Used as raw materials	MJ, net calorific value	8,24E-01	(N/A)	(N/A)	8,24E-01
	Total	MJ, net calorific value	2,53E+00	2,38E-01	9,92E-03	2,77E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,65E+00	5,35E-01	1,57E-01	5,34E+00
	Used as raw materials	MJ, net calorific value	1,25E+00	4,77E-04	6,21E-03	1,26E+00
	Total	MJ, net calorific value	5,90E+00	5,35E-01	1,64E-01	6,60E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	8,48E-03	2,59E-03	3,31E-04	1,14E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,45E-06	4,06E-10	6,22E-09	1,46E-06
Non-hazardous waste disposed	kg	6,82E-04	6,24E-04	2,59E-02	2,72E-02
Radioactive waste disposed	kg	3,92E-05	4,83E-05	1,23E-06	8,88E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	5,37E-02	5,37E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

18. TENA Pants Maxi M 794510 & 794512 & 794530 & 794560 & 794561 & 794534 & 794535

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,748	0,132	0,262	1,142
	Biogenic	kg CO_2 eq.	-0,317	0,000	0,108	-0,209
	Land use and land transformation	kg CO_2 eq.	0,00049	0,00080	0,00051	0,00180
	Total	kg CO_2 eq.	0,431	0,132	0,371	0,934
Acidification potential (AP)		kg SO_2 eq.	3,36E-03	4,43E-04	1,81E-04	3,99E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	7,78E-04	5,06E-05	1,33E-04	9,62E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,51E-03	2,28E-04	1,35E-04	2,87E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	8,27E-07	4,31E-08	1,52E-09	8,72E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,73E+01	1,65E+00	6,07E-01	1,95E+01
Water scarcoty potential		m^3 eq.	1,89E+01	4,50E-02	3,69E-02	1,90E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorofic value	6,81E+00	9,51E-01	3,97E-02	7,80E+00
	Used as raw materials	MJ, net calorofic value	3,30E+00	(N/A)	(N/A)	3,30E+00
	Total	MJ, net calorofic value	1,01E+01	9,51E-01	3,97E-02	1,11E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,86E+01	2,14E+00	6,30E-01	2,14E+01
	Used as raw materials	MJ, net calorofic value	5,00E+00	1,91E-03	2,48E-02	5,02E+00
	Total	MJ, net calorofic value	2,36E+01	2,14E+00	6,55E-01	2,64E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	3,39E-02	1,04E-02	1,32E-03	4,56E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,81E-06	1,62E-09	2,49E-08	5,84E-06
Non-hazardous waste disposed	kg	2,73E-03	2,50E-03	1,04E-01	1,09E-01
Radioactive waste disposed	kg	1,57E-04	1,93E-04	4,93E-06	3,55E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	2,15E-01	2,15E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

19. TENA Pants Maxi L 794610 & 794623 & 794630 & 794660 & 794661 & 794636 & 794637

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,203	0,035	0,070	0,307
	Biogenic	kg CO_2 eq.	-0,079	0,000	0,028	-0,052
	Land use and land transformation	kg CO_2 eq.	0,00013	0,00021	0,00013	0,00047
	Total	kg CO_2 eq.	0,124	0,035	0,098	0,256
Acidification potential (AP)		kg SO_2 eq.	8,99E-04	1,16E-04	4,76E-05	1,06E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	2,03E-04	1,33E-05	3,45E-05	2,51E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	6,64E-04	5,99E-05	3,51E-05	7,58E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,12E-07	1,13E-08	2,78E-10	2,23E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,76E+00	4,34E-01	1,60E-01	5,35E+00
Water scarcity potential		m^3 eq.	5,23E+00	1,18E-02	9,82E-03	5,26E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,72E+00	2,50E-01	1,05E-02	1,98E+00
	Used as raw materials	MJ, net calorific value	8,24E-01	(N/A)	(N/A)	8,24E-01
	Total	MJ, net calorific value	2,54E+00	2,50E-01	1,05E-02	2,80E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	5,12E+00	5,62E-01	1,66E-01	5,84E+00
	Used as raw materials	MJ, net calorific value	1,50E+00	5,02E-04	6,32E-03	1,50E+00
	Total	MJ, net calorific value	6,61E+00	5,63E-01	1,72E-01	7,35E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	8,92E-03	2,73E-03	3,52E-04	1,20E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,65E-06	4,26E-10	6,53E-09	1,66E-06
Non-hazardous waste disposed	kg	6,96E-04	6,56E-04	2,80E-02	2,93E-02
Radioactive waste disposed	kg	4,21E-05	5,07E-05	1,31E-06	9,41E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	5,56E-02	5,56E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

19. TENA Pants Maxi L 794610 & 794623 & 794630 & 794660 & 794661 & 794636 & 794637

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,811	0,138	0,280	1,229
	Biogenic	kg CO_2 eq.	-0,317	0,000	0,110	-0,207
	Land use and land transformation	kg CO_2 eq.	0,00052	0,00084	0,00054	0,00189
	Total	kg CO_2 eq.	0,494	0,139	0,390	1,024
Acidification potential (AP)		kg SO_2 eq.	3,60E-03	4,66E-04	1,90E-04	4,25E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	8,14E-04	5,32E-05	1,38E-04	1,01E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,65E-03	2,39E-04	1,40E-04	3,03E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	8,48E-07	4,53E-08	1,11E-09	8,94E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,90E+01	1,73E+00	6,40E-01	2,14E+01
Water scarcoty potential		m^3 eq.	2,09E+01	4,73E-02	3,93E-02	2,10E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	6,88E+00	9,99E-01	4,19E-02	7,92E+00
	Used as raw materials	MJ, net calorific value	3,30E+00	(N/A)	(N/A)	3,30E+00
	Total	MJ, net calorific value	1,02E+01	9,99E-01	4,19E-02	1,12E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,05E+01	2,25E+00	6,64E-01	2,34E+01
	Used as raw materials	MJ, net calorific value	5,99E+00	2,01E-03	2,53E-02	6,01E+00
	Total	MJ, net calorific value	2,65E+01	2,25E+00	6,89E-01	2,94E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	3,57E-02	1,09E-02	1,41E-03	4,80E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,60E-06	1,71E-09	2,61E-08	6,62E-06
Non-hazardous waste disposed	kg	2,78E-03	2,62E-03	1,12E-01	1,17E-01
Radioactive waste disposed	kg	1,68E-04	2,03E-04	5,23E-06	3,76E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	2,22E-01	2,22E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

20. TENA Pants Maxi XL 794760 & 794761 & 794762

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,234	0,039	0,079	0,352
	Biogenic	kg CO_2 eq.	-0,079	0,000	0,028	-0,051
	Land use and land transformation	kg CO_2 eq.	0,00014	0,00023	0,00015	0,00052
	Total	kg CO_2 eq.	0,155	0,039	0,106	0,301
Acidification potential (AP)		kg SO_2 eq.	1,01E-03	1,30E-04	5,28E-05	1,19E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	2,28E-04	1,48E-05	3,64E-05	2,79E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	7,48E-04	6,68E-05	3,77E-05	8,53E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,43E-07	1,26E-08	2,10E-10	2,56E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	5,60E+00	4,84E-01	1,79E-01	6,26E+00
Water scarcity potential		m^3 eq.	6,02E+00	1,32E-02	1,15E-02	6,05E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,75E+00	2,79E-01	1,18E-02	2,04E+00
	Used as raw materials	MJ, net calorific value	8,24E-01	(N/A)	(N/A)	8,24E-01
	Total	MJ, net calorific value	2,57E+00	2,79E-01	1,18E-02	2,86E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	6,02E+00	6,27E-01	1,86E-01	6,83E+00
	Used as raw materials	MJ, net calorific value	1,80E+00	5,60E-04	6,34E-03	1,81E+00
	Total	MJ, net calorific value	7,82E+00	6,28E-01	1,92E-01	8,64E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	1,02E-02	3,04E-03	4,10E-04	1,37E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	2,03E-06	4,76E-10	7,23E-09	2,04E-06
Non-hazardous waste disposed	kg	7,49E-04	7,32E-04	3,39E-02	3,54E-02
Radioactive waste disposed	kg	4,81E-05	5,66E-05	1,50E-06	1,06E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	6,18E-02	6,18E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

20. TENA Pants Maxi XL 794760 & 794761 & 794762

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,937	0,154	0,314	1,406
	Biogenic	kg CO_2 eq.	-0,316	0,000	0,110	-0,206
	Land use and land transformation	kg CO_2 eq.	0,00057	0,00094	0,00059	0,00210
	Total	kg CO_2 eq.	0,622	0,155	0,425	1,202
Acidification potential (AP)		kg SO_2 eq.	4,04E-03	5,20E-04	2,11E-04	4,77E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	9,11E-04	5,94E-05	1,46E-04	1,12E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,99E-03	2,67E-04	1,51E-04	3,41E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	9,73E-07	5,05E-08	8,41E-10	1,02E-06
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,24E+01	1,94E+00	7,17E-01	2,51E+01
Water scarcoty potential		m^3 eq.	2,41E+01	5,27E-02	4,58E-02	2,42E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	6,99E+00	1,11E+00	4,72E-02	8,15E+00
	Used as raw materials	MJ, net calorific value	3,30E+00	(N/A)	(N/A)	3,30E+00
	Total	MJ, net calorific value	1,03E+01	1,11E+00	4,72E-02	1,15E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,41E+01	2,51E+00	7,43E-01	2,73E+01
	Used as raw materials	MJ, net calorific value	7,21E+00	2,24E-03	2,54E-02	7,24E+00
	Total	MJ, net calorific value	3,13E+01	2,51E+00	7,68E-01	3,46E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	4,09E-02	1,22E-02	1,64E-03	5,47E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	8,11E-06	1,90E-09	2,89E-08	8,14E-06
Non-hazardous waste disposed	kg	2,99E-03	2,93E-03	1,36E-01	1,42E-01
Radioactive waste disposed	kg	1,93E-04	2,27E-04	6,00E-06	4,25E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	2,47E-01	2,47E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

21. TENA Pants Plus Classic M 792547 & 782535 & 782531

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,145	0,021	0,051	0,217
	Biogenic	kg CO_2 eq.	-0,039	0,000	0,014	-0,025
	Land use and land transformation	kg CO_2 eq.	0,00009	0,00013	0,00015	0,00037
	Total	kg CO_2 eq.	0,106	0,022	0,065	0,193
Acidification potential (AP)		kg SO_2 eq.	5,96E-04	7,21E-05	4,19E-05	7,10E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,34E-04	8,23E-06	2,21E-05	1,65E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,36E-04	3,71E-05	2,39E-05	4,97E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,38E-07	7,01E-09	2,45E-10	1,45E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,47E+00	2,68E-01	1,61E-01	3,90E+00
Water scarcity potential		m^3 eq.	3,66E+00	7,31E-03	6,78E-03	3,68E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	9,51E-01	1,55E-01	1,02E-02	1,12E+00
	Used as raw materials	MJ, net calorific value	4,12E-01	(N/A)	(N/A)	4,12E-01
	Total	MJ, net calorific value	1,36E+00	1,55E-01	1,02E-02	1,53E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,73E+00	3,48E-01	1,65E-01	4,24E+00
	Used as raw materials	MJ, net calorific value	1,17E+00	3,11E-04	3,30E-03	1,17E+00
	Total	MJ, net calorific value	4,89E+00	3,48E-01	1,68E-01	5,41E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	6,02E-03	1,69E-03	2,50E-04	7,96E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,33E-06	2,64E-10	7,38E-09	1,34E-06
Non-hazardous waste disposed	kg	4,48E-04	4,06E-04	2,04E-02	2,12E-02
Radioactive waste disposed	kg	3,15E-05	3,14E-05	9,49E-07	6,39E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,53E-02	3,53E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

21. TENA Pants Plus Classic M 792547 & 782535 & 782531

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,581	0,086	0,203	0,870
	Biogenic	kg CO_2 eq.	-0,156	0,000	0,057	-0,099
	Land use and land transformation	kg CO_2 eq.	0,00036	0,00052	0,00061	0,00148
	Total	kg CO_2 eq.	0,426	0,086	0,261	0,773
Acidification potential (AP)		kg SO_2 eq.	2,38E-03	2,88E-04	1,68E-04	2,84E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	5,37E-04	3,29E-05	8,84E-05	6,59E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,74E-03	1,48E-04	9,57E-05	1,99E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	5,53E-07	2,80E-08	9,78E-10	5,82E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,39E+01	1,07E+00	6,44E-01	1,56E+01
Water scarcoty potential		m^3 eq.	1,47E+01	2,93E-02	2,71E-02	1,47E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	3,80E+00	6,18E-01	4,07E-02	4,46E+00
	Used as raw materials	MJ, net calorific value	1,65E+00	(N/A)	(N/A)	1,65E+00
	Total	MJ, net calorific value	5,45E+00	6,18E-01	4,07E-02	6,11E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,49E+01	1,39E+00	6,59E-01	1,70E+01
	Used as raw materials	MJ, net calorific value	4,66E+00	1,24E-03	1,32E-02	4,68E+00
	Total	MJ, net calorific value	1,96E+01	1,39E+00	6,72E-01	2,16E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,41E-02	6,75E-03	1,00E-03	3,18E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,32E-06	1,06E-09	2,95E-08	5,36E-06
Non-hazardous waste disposed	kg	1,79E-03	1,63E-03	8,15E-02	8,49E-02
Radioactive waste disposed	kg	1,26E-04	1,26E-04	3,79E-06	2,55E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,41E-01	1,41E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

22. TENA Pants Plus Classic L 792624 & 782619 & 782618

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,163	0,023	0,056	0,242
	Biogenic	kg CO_2 eq.	-0,039	0,000	0,014	-0,024
	Land use and land transformation	kg CO_2 eq.	0,00010	0,00014	0,00017	0,00040
	Total	kg CO_2 eq.	0,124	0,023	0,071	0,218
Acidification potential (AP)		kg SO_2 eq.	6,62E-04	7,80E-05	4,57E-05	7,85E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,45E-04	8,91E-06	2,33E-05	1,77E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,77E-04	4,01E-05	2,55E-05	5,42E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,45E-07	7,58E-09	9,61E-11	1,52E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,95E+00	2,90E-01	1,77E-01	4,42E+00
Water scarcity potential		m^3 eq.	4,25E+00	7,91E-03	7,50E-03	4,26E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	9,73E-01	1,67E-01	1,12E-02	1,15E+00
	Used as raw materials	MJ, net calorific value	4,12E-01	(N/A)	(N/A)	4,12E-01
	Total	MJ, net calorific value	1,38E+00	1,67E-01	1,12E-02	1,56E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,24E+00	3,76E-01	1,81E-01	4,80E+00
	Used as raw materials	MJ, net calorific value	1,44E+00	3,36E-04	3,33E-03	1,44E+00
	Total	MJ, net calorific value	5,68E+00	3,77E-01	1,84E-01	6,24E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	6,55E-03	1,83E-03	2,76E-04	8,65E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,60E-06	2,85E-10	8,10E-09	1,61E-06
Non-hazardous waste disposed	kg	4,64E-04	4,39E-04	2,30E-02	2,39E-02
Radioactive waste disposed	kg	3,45E-05	3,40E-05	1,04E-06	6,95E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,82E-02	3,82E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

22. TENA Pants Plus Classic L 792624 & 782619 & 782618

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,651	0,093	0,226	0,969
	Biogenic	kg CO_2 eq.	-0,155	0,000	0,058	-0,098
	Land use and land transformation	kg CO_2 eq.	0,00039	0,00056	0,00067	0,00162
	Total	kg CO_2 eq.	0,496	0,093	0,284	0,873
Acidification potential (AP)		kg SO_2 eq.	2,65E-03	3,12E-04	1,83E-04	3,14E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	5,78E-04	3,56E-05	9,33E-05	7,07E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,91E-03	1,60E-04	1,02E-04	2,17E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	5,79E-07	3,03E-08	3,84E-10	6,09E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,58E+01	1,16E+00	7,08E-01	1,77E+01
Water scarcoty potential		m^3 eq.	1,70E+01	3,16E-02	3,00E-02	1,70E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	3,89E+00	6,69E-01	4,48E-02	4,60E+00
	Used as raw materials	MJ, net calorific value	1,65E+00	(N/A)	(N/A)	1,65E+00
	Total	MJ, net calorific value	5,54E+00	6,69E-01	4,48E-02	6,25E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,70E+01	1,51E+00	7,24E-01	1,92E+01
	Used as raw materials	MJ, net calorific value	5,74E+00	1,34E-03	1,33E-02	5,76E+00
	Total	MJ, net calorific value	2,27E+01	1,51E+00	7,37E-01	2,50E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,62E-02	7,30E-03	1,11E-03	3,46E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,42E-06	1,14E-09	3,24E-08	6,45E-06
Non-hazardous waste disposed	kg	1,86E-03	1,76E-03	9,18E-02	9,54E-02
Radioactive waste disposed	kg	1,38E-04	1,36E-04	4,18E-06	2,78E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,53E-01	1,53E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

23. TENA Pants Original Normal M 791548

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,115	0,017	0,038	0,170
	Biogenic	kg CO_2 eq.	-0,030	0,000	0,010	-0,019
	Land use and land transformation	kg CO_2 eq.	0,00007	0,00010	0,00007	0,00024
	Total	kg CO_2 eq.	0,086	0,017	0,048	0,151
Acidification potential (AP)		kg SO_2 eq.	4,78E-04	5,74E-05	2,34E-05	5,59E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	9,97E-05	6,56E-06	1,50E-05	1,21E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,43E-04	2,95E-05	1,60E-05	3,89E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	9,82E-08	5,58E-09	-2,94E-10	1,04E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	2,84E+00	2,14E-01	8,16E-02	3,14E+00
Water scarcity potential		m^3 eq.	3,17E+00	5,83E-03	5,32E-03	3,18E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorofic value	7,05E-01	1,23E-01	5,39E-03	8,34E-01
	Used as raw materials	MJ, net calorofic value	3,13E-01	(N/A)	(N/A)	3,13E-01
	Total	MJ, net calorofic value	1,02E+00	1,23E-01	5,39E-03	1,15E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	3,05E+00	2,77E-01	8,44E-02	3,42E+00
	Used as raw materials	MJ, net calorofic value	1,08E+00	2,47E-04	2,39E-03	1,08E+00
	Total	MJ, net calorofic value	4,13E+00	2,78E-01	8,68E-02	4,50E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	4,63E-03	1,35E-03	1,90E-04	6,16E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,26E-06	2,10E-10	3,27E-09	1,26E-06
Non-hazardous waste disposed	kg	3,47E-04	3,24E-04	1,66E-02	1,72E-02
Radioactive waste disposed	kg	2,35E-05	2,50E-05	6,91E-07	4,92E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	2,81E-02	2,81E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

23. TENA Pants Original Normal M 791548

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,462	0,068	0,151	0,681
	Biogenic	kg CO_2 eq.	-0,119	0,000	0,042	-0,078
	Land use and land transformation	kg CO_2 eq.	0,00027	0,00041	0,00027	0,00096
	Total	kg CO_2 eq.	0,343	0,069	0,193	0,604
Acidification potential (AP)		kg SO_2 eq.	1,91E-03	2,30E-04	9,38E-05	2,24E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	3,99E-04	2,62E-05	5,99E-05	4,85E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,37E-03	1,18E-04	6,39E-05	1,55E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	3,93E-07	2,23E-08	-1,18E-09	4,14E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,14E+01	8,56E-01	3,27E-01	1,26E+01
Water scarcoty potential		m^3 eq.	1,27E+01	2,33E-02	2,13E-02	1,27E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorofic value	2,82E+00	4,93E-01	2,15E-02	3,34E+00
	Used as raw materials	MJ, net calorofic value	1,25E+00	(N/A)	(N/A)	1,25E+00
	Total	MJ, net calorofic value	4,07E+00	4,93E-01	2,15E-02	4,59E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,22E+01	1,11E+00	3,38E-01	1,37E+01
	Used as raw materials	MJ, net calorofic value	4,31E+00	9,90E-04	9,56E-03	4,33E+00
	Total	MJ, net calorofic value	1,65E+01	1,11E+00	3,47E-01	1,80E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	1,85E-02	5,38E-03	7,62E-04	2,46E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,04E-06	8,41E-10	1,31E-08	5,06E-06
Non-hazardous waste disposed	kg	1,39E-03	1,29E-03	6,62E-02	6,89E-02
Radioactive waste disposed	kg	9,39E-05	1,00E-04	2,76E-06	1,97E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,12E-01	1,12E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

24. TENA Pants Original Normal L 791648

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,130	0,019	0,042	0,191
	Biogenic	kg CO_2 eq.	-0,030	0,000	0,010	-0,019
	Land use and land transformation	kg CO_2 eq.	0,00007	0,00011	0,00007	0,00026
	Total	kg CO_2 eq.	0,101	0,019	0,053	0,172
Acidification potential (AP)		kg SO_2 eq.	5,35E-04	6,24E-05	2,56E-05	6,23E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,08E-04	7,13E-06	1,58E-05	1,31E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,78E-04	3,21E-05	1,71E-05	4,27E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,04E-07	6,07E-09	-4,94E-10	1,09E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,26E+00	2,32E-01	9,03E-02	3,58E+00
Water scarcity potential		m^3 eq.	3,66E+00	6,33E-03	5,94E-03	3,68E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	7,20E-01	1,34E-01	5,96E-03	8,60E-01
	Used as raw materials	MJ, net calorific value	3,13E-01	(N/A)	(N/A)	3,13E-01
	Total	MJ, net calorific value	1,03E+00	1,34E-01	5,96E-03	1,17E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,50E+00	3,01E-01	9,32E-02	3,89E+00
	Used as raw materials	MJ, net calorific value	1,31E+00	2,69E-04	2,40E-03	1,32E+00
	Total	MJ, net calorific value	4,81E+00	3,02E-01	9,56E-02	5,21E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	5,08E-03	1,46E-03	2,13E-04	6,76E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,54E-06	2,29E-10	3,60E-09	1,54E-06
Non-hazardous waste disposed	kg	3,58E-04	3,52E-04	1,88E-02	1,95E-02
Radioactive waste disposed	kg	2,58E-05	2,72E-05	7,67E-07	5,38E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,05E-02	3,05E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

24. TENA Pants Original Normal L 791648

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,521	0,074	0,169	0,764
	Biogenic	kg CO_2 eq.	-0,119	0,000	0,042	-0,077
	Land use and land transformation	kg CO_2 eq.	0,00030	0,00045	0,00030	0,00104
	Total	kg CO_2 eq.	0,402	0,075	0,211	0,688
Acidification potential (AP)		kg SO_2 eq.	2,14E-03	2,50E-04	1,03E-04	2,49E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	4,33E-04	2,85E-05	6,31E-05	5,25E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,51E-03	1,28E-04	6,84E-05	1,71E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,15E-07	2,43E-08	-1,98E-09	4,38E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,30E+01	9,30E-01	3,61E-01	1,43E+01
Water scarcoty potential		m^3 eq.	1,47E+01	2,53E-02	2,38E-02	1,47E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorofic value	2,88E+00	5,36E-01	2,38E-02	3,44E+00
	Used as raw materials	MJ, net calorofic value	1,25E+00	(N/A)	(N/A)	1,25E+00
	Total	MJ, net calorofic value	4,13E+00	5,36E-01	2,38E-02	4,69E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,40E+01	1,21E+00	3,73E-01	1,56E+01
	Used as raw materials	MJ, net calorofic value	5,26E+00	1,08E-03	9,61E-03	5,27E+00
	Total	MJ, net calorofic value	1,92E+01	1,21E+00	3,83E-01	2,08E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,03E-02	5,85E-03	8,50E-04	2,70E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,15E-06	9,14E-10	1,44E-08	6,17E-06
Non-hazardous waste disposed	kg	1,43E-03	1,41E-03	7,53E-02	7,82E-02
Radioactive waste disposed	kg	1,03E-04	1,09E-04	3,07E-06	2,15E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,22E-01	1,22E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

25. TENA Pants Original Plus M 792536

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,139	0,021	0,046	0,206
	Biogenic	kg CO_2 eq.	-0,039	0,000	0,014	-0,026
	Land use and land transformation	kg CO_2 eq.	0,00008	0,00013	0,00008	0,00030
	Total	kg CO_2 eq.	0,100	0,022	0,059	0,181
Acidification potential (AP)		kg SO_2 eq.	5,78E-04	7,21E-05	2,96E-05	6,80E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,27E-04	8,23E-06	1,92E-05	1,55E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,25E-04	3,70E-05	2,03E-05	4,82E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,33E-07	7,00E-09	-9,28E-11	1,40E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,37E+00	2,68E-01	1,02E-01	3,74E+00
Water scarcity potential		m^3 eq.	3,64E+00	7,31E-03	6,63E-03	3,66E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	9,11E-01	1,55E-01	6,75E-03	1,07E+00
	Used as raw materials	MJ, net calorific value	4,12E-01	(N/A)	(N/A)	4,12E-01
	Total	MJ, net calorific value	1,32E+00	1,55E-01	6,75E-03	1,48E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,62E+00	3,48E-01	1,06E-01	4,07E+00
	Used as raw materials	MJ, net calorific value	1,16E+00	3,10E-04	3,13E-03	1,16E+00
	Total	MJ, net calorific value	4,77E+00	3,48E-01	1,09E-01	5,23E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	5,82E-03	1,69E-03	2,37E-04	7,74E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,32E-06	2,64E-10	4,11E-09	1,33E-06
Non-hazardous waste disposed	kg	4,33E-04	4,06E-04	2,03E-02	2,12E-02
Radioactive waste disposed	kg	2,88E-05	3,14E-05	8,60E-07	6,11E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,53E-02	3,53E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

25. TENA Pants Original Plus M 792536

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,556	0,086	0,183	0,825
	Biogenic	kg CO_2 eq.	-0,157	0,000	0,055	-0,103
	Land use and land transformation	kg CO_2 eq.	0,00033	0,00052	0,00034	0,00119
	Total	kg CO_2 eq.	0,399	0,086	0,238	0,723
Acidification potential (AP)		kg SO_2 eq.	2,31E-03	2,88E-04	1,18E-04	2,72E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	5,09E-04	3,29E-05	7,68E-05	6,18E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,70E-03	1,48E-04	8,12E-05	1,93E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	5,31E-07	2,80E-08	-3,71E-10	5,58E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,35E+01	1,07E+00	4,09E-01	1,50E+01
Water scarcoty potential		m^3 eq.	1,46E+01	2,92E-02	2,65E-02	1,46E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	3,64E+00	6,18E-01	2,70E-02	4,29E+00
	Used as raw materials	MJ, net calorific value	1,65E+00	(N/A)	(N/A)	1,65E+00
	Total	MJ, net calorific value	5,29E+00	6,18E-01	2,70E-02	5,94E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,45E+01	1,39E+00	4,23E-01	1,63E+01
	Used as raw materials	MJ, net calorific value	4,62E+00	1,24E-03	1,25E-02	4,64E+00
	Total	MJ, net calorific value	1,91E+01	1,39E+00	4,36E-01	2,09E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,33E-02	6,75E-03	9,49E-04	3,10E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,29E-06	1,06E-09	1,64E-08	5,30E-06
Non-hazardous waste disposed	kg	1,73E-03	1,62E-03	8,14E-02	8,47E-02
Radioactive waste disposed	kg	1,15E-04	1,26E-04	3,44E-06	2,44E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,41E-01	1,41E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

26. TENA Pants Original Plus L 792638

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,155	0,023	0,051	0,229
	Biogenic	kg CO_2 eq.	-0,039	0,000	0,014	-0,026
	Land use and land transformation	kg CO_2 eq.	0,00009	0,00014	0,00009	0,00032
	Total	kg CO_2 eq.	0,116	0,023	0,065	0,204
Acidification potential (AP)		kg SO_2 eq.	6,40E-04	7,75E-05	3,20E-05	7,50E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,37E-04	8,86E-06	2,01E-05	1,66E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,63E-04	3,99E-05	2,15E-05	5,25E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,39E-07	7,54E-09	-2,96E-10	1,46E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,82E+00	2,89E-01	1,12E-01	4,22E+00
Water scarcity potential		m^3 eq.	4,19E+00	7,87E-03	7,30E-03	4,20E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	9,28E-01	1,66E-01	7,40E-03	1,10E+00
	Used as raw materials	MJ, net calorific value	4,12E-01	(N/A)	(N/A)	4,12E-01
	Total	MJ, net calorific value	1,34E+00	1,66E-01	7,40E-03	1,51E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,10E+00	3,74E-01	1,16E-01	4,59E+00
	Used as raw materials	MJ, net calorific value	1,41E+00	3,34E-04	3,15E-03	1,42E+00
	Total	MJ, net calorific value	5,52E+00	3,75E-01	1,19E-01	6,01E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	6,31E-03	1,82E-03	2,61E-04	8,39E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,62E-06	2,84E-10	4,49E-09	1,62E-06
Non-hazardous waste disposed	kg	4,46E-04	4,37E-04	2,28E-02	2,37E-02
Radioactive waste disposed	kg	3,14E-05	3,38E-05	9,44E-07	6,62E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,79E-02	3,79E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

26. TENA Pants Original Plus L 792638

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,621	0,092	0,203	0,916
	Biogenic	kg CO_2 eq.	-0,157	0,000	0,055	-0,102
	Land use and land transformation	kg CO_2 eq.	0,00036	0,00056	0,00037	0,00129
	Total	kg CO_2 eq.	0,465	0,093	0,258	0,815
Acidification potential (AP)		kg SO_2 eq.	2,56E-03	3,10E-04	1,28E-04	3,00E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	5,46E-04	3,54E-05	8,04E-05	6,62E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,85E-03	1,59E-04	8,62E-05	2,10E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	5,54E-07	3,01E-08	-1,18E-09	5,83E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,53E+01	1,15E+00	4,48E-01	1,69E+01
Water scarcoty potential		m^3 eq.	1,68E+01	3,15E-02	2,92E-02	1,68E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	3,71E+00	6,65E-01	2,96E-02	4,41E+00
	Used as raw materials	MJ, net calorific value	1,65E+00	(N/A)	(N/A)	1,65E+00
	Total	MJ, net calorific value	5,36E+00	6,65E-01	2,96E-02	6,06E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,64E+01	1,50E+00	4,63E-01	1,84E+01
	Used as raw materials	MJ, net calorific value	5,66E+00	1,34E-03	1,26E-02	5,67E+00
	Total	MJ, net calorific value	2,21E+01	1,50E+00	4,76E-01	2,41E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,52E-02	7,26E-03	1,05E-03	3,35E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,47E-06	1,14E-09	1,80E-08	6,48E-06
Non-hazardous waste disposed	kg	1,78E-03	1,75E-03	9,13E-02	9,49E-02
Radioactive waste disposed	kg	1,26E-04	1,35E-04	3,78E-06	2,65E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,52E-01	1,52E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

27. TENA Pants Discreet M 792108 & 792300 & 792102

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,110	0,016	0,035	0,161
	Biogenic	kg CO_2 eq.	-0,030	0,000	0,012	-0,019
	Land use and land transformation	kg CO_2 eq.	0,00007	0,00010	0,00007	0,00023
	Total	kg CO_2 eq.	0,079	0,016	0,047	0,143
Acidification potential (AP)		kg SO_2 eq.	4,63E-04	5,41E-05	2,32E-05	5,40E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	9,70E-05	6,18E-06	1,56E-05	1,19E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,27E-04	2,78E-05	1,63E-05	3,71E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	9,57E-08	5,26E-09	-2,87E-10	1,01E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,66E+00	2,01E-01	8,05E-02	2,94E+00
Water scarcity potential		m^3 eq.	3,01E+00	5,48E-03	4,82E-03	3,02E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	7,20E-01	1,16E-01	5,24E-03	8,41E-01
	Used as raw materials	MJ, net calorific value	3,20E-01	(N/A)	(N/A)	3,20E-01
	Total	MJ, net calorific value	1,04E+00	1,16E-01	5,24E-03	1,16E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,86E+00	2,61E-01	8,33E-02	3,20E+00
	Used as raw materials	MJ, net calorific value	1,02E+00	2,33E-04	2,68E-03	1,03E+00
	Total	MJ, net calorific value	3,88E+00	2,61E-01	8,60E-02	4,23E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	4,41E-03	1,27E-03	1,73E-04	5,85E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,12E-06	1,98E-10	3,32E-09	1,13E-06
Non-hazardous waste disposed	kg	3,19E-04	3,05E-04	1,43E-02	1,50E-02
Radioactive waste disposed	kg	2,24E-05	2,36E-05	6,43E-07	4,66E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	2,45E-02	2,45E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,439	0,064	0,141	0,644
	Biogenic	kg CO_2 eq.	-0,121	0,000	0,047	-0,075
	Land use and land transformation	kg CO_2 eq.	0,00026	0,00039	0,00027	0,00093
	Total	kg CO_2 eq.	0,317	0,065	0,188	0,570
Acidification potential (AP)		kg SO_2 eq.	1,85E-03	2,16E-04	9,29E-05	2,16E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	3,88E-04	2,47E-05	6,23E-05	4,75E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,31E-03	1,11E-04	6,51E-05	1,48E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	3,83E-07	2,10E-08	-1,15E-09	4,03E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,06E+01	8,05E-01	3,22E-01	1,18E+01
Water scarcoty potential		m^3 eq.	1,21E+01	2,19E-02	1,93E-02	1,21E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,88E+00	4,64E-01	2,10E-02	3,36E+00
	Used as raw materials	MJ, net calorific value	1,28E+00	(N/A)	(N/A)	1,28E+00
	Total	MJ, net calorific value	4,16E+00	4,64E-01	2,10E-02	4,64E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,14E+01	1,04E+00	3,33E-01	1,28E+01
	Used as raw materials	MJ, net calorific value	4,09E+00	9,32E-04	1,07E-02	4,10E+00
	Total	MJ, net calorific value	1,55E+01	1,04E+00	3,44E-01	1,69E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	1,77E-02	5,06E-03	6,92E-04	2,34E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	4,50E-06	7,92E-10	1,33E-08	4,51E-06
Non-hazardous waste disposed	kg	1,28E-03	1,22E-03	5,73E-02	5,98E-02
Radioactive waste disposed	kg	8,95E-05	9,42E-05	2,57E-06	1,86E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	9,81E-02	9,81E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

28. TENA Pants Discreet L 793107 & 793300 & 793102

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,121	0,017	0,039	0,177
	Biogenic	kg CO_2 eq.	-0,030	0,000	0,012	-0,018
	Land use and land transformation	kg CO_2 eq.	0,00007	0,00010	0,00007	0,00025
	Total	kg CO_2 eq.	0,091	0,017	0,051	0,159
Acidification potential (AP)		kg SO_2 eq.	5,08E-04	5,81E-05	2,49E-05	5,91E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,04E-04	6,64E-06	1,63E-05	1,27E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,54E-04	2,99E-05	1,72E-05	4,02E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,01E-07	5,65E-09	-4,35E-10	1,06E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,99E+00	2,16E-01	8,68E-02	3,29E+00
Water scarcity potential		m^3 eq.	3,41E+00	5,90E-03	5,28E-03	3,43E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	7,33E-01	1,25E-01	5,66E-03	8,63E-01
	Used as raw materials	MJ, net calorific value	3,20E-01	(N/A)	(N/A)	3,20E-01
	Total	MJ, net calorific value	1,05E+00	1,25E-01	5,66E-03	1,18E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,21E+00	2,81E-01	8,97E-02	3,58E+00
	Used as raw materials	MJ, net calorific value	1,21E+00	2,50E-04	2,74E-03	1,21E+00
	Total	MJ, net calorific value	4,42E+00	2,81E-01	9,25E-02	4,79E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	4,77E-03	1,36E-03	1,89E-04	6,32E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,30E-06	2,13E-10	3,56E-09	1,31E-06
Non-hazardous waste disposed	kg	3,29E-04	3,27E-04	1,60E-02	1,66E-02
Radioactive waste disposed	kg	2,44E-05	2,53E-05	7,00E-07	5,04E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	2,59E-02	2,59E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

28. TENA Pants Discreet L 793107 & 793300 & 793102

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,486	0,069	0,155	0,710
	Biogenic	kg CO_2 eq.	-0,121	0,000	0,048	-0,074
	Land use and land transformation	kg CO_2 eq.	0,00028	0,00042	0,00029	0,00100
	Total	kg CO_2 eq.	0,365	0,069	0,203	0,637
Acidification potential (AP)		kg SO_2 eq.	2,03E-03	2,32E-04	9,96E-05	2,36E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	4,15E-04	2,66E-05	6,53E-05	5,07E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,42E-03	1,19E-04	6,89E-05	1,61E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,02E-07	2,26E-08	-1,74E-09	4,23E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,19E+01	8,65E-01	3,47E-01	1,32E+01
Water scarcoty potential		m^3 eq.	1,37E+01	2,36E-02	2,11E-02	1,37E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorofic value	2,93E+00	4,99E-01	2,26E-02	3,45E+00
	Used as raw materials	MJ, net calorofic value	1,28E+00	(N/A)	(N/A)	1,28E+00
	Total	MJ, net calorofic value	4,21E+00	4,99E-01	2,26E-02	4,73E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,28E+01	1,12E+00	3,59E-01	1,43E+01
	Used as raw materials	MJ, net calorofic value	4,84E+00	1,00E-03	1,10E-02	4,85E+00
	Total	MJ, net calorofic value	1,77E+01	1,12E+00	3,70E-01	1,92E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	1,91E-02	5,44E-03	7,58E-04	2,53E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,21E-06	8,51E-10	1,42E-08	5,23E-06
Non-hazardous waste disposed	kg	1,32E-03	1,31E-03	6,38E-02	6,65E-02
Radioactive waste disposed	kg	9,74E-05	1,01E-04	2,80E-06	2,02E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,04E-01	1,04E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,099	0,014	0,031	0,144
	Biogenic	kg CO_2 eq.	-0,024	0,000	0,009	-0,015
	Land use and land transformation	kg CO_2 eq.	0,00006	0,00008	0,00006	0,00020
	Total	kg CO_2 eq.	0,075	0,014	0,040	0,129
Acidification potential (AP)		kg SO_2 eq.	4,11E-04	4,65E-05	1,97E-05	4,77E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	8,59E-05	5,31E-06	1,29E-05	1,04E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,87E-04	2,39E-05	1,35E-05	3,24E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	9,87E-08	4,52E-09	1,72E-10	1,03E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,37E+00	1,73E-01	6,90E-02	2,61E+00
Water scarcity potential		m^3 eq.	2,67E+00	4,71E-03	4,25E-03	2,68E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5,76E-01	9,96E-02	4,55E-03	6,81E-01
	Used as raw materials	MJ, net calorific value	2,51E-01	(N/A)	(N/A)	2,51E-01
	Total	MJ, net calorific value	8,27E-01	9,96E-02	4,55E-03	9,31E-01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,55E+00	2,24E-01	7,13E-02	2,85E+00
	Used as raw materials	MJ, net calorific value	9,19E-01	2,00E-04	2,13E-03	9,21E-01
	Total	MJ, net calorific value	3,47E+00	2,24E-01	7,34E-02	3,77E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	4,06E-03	1,09E-03	1,53E-04	5,30E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,15E-07	1,70E-10	2,83E-09	6,18E-07
Non-hazardous waste disposed	kg	2,64E-04	2,62E-04	1,29E-02	1,34E-02
Radioactive waste disposed	kg	2,02E-05	2,02E-05	5,56E-07	4,10E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	2,08E-02	2,08E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

29. TENA Silh Normal M White pr 795522 & 795514

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,396	0,055	0,123	0,575
	Biogenic	kg CO_2 eq.	-0,095	0,000	0,037	-0,058
	Land use and land transformation	kg CO_2 eq.	0,00022	0,00033	0,00023	0,00079
	Total	kg CO_2 eq.	0,301	0,055	0,161	0,517
Acidification potential (AP)		kg SO_2 eq.	1,65E-03	1,86E-04	7,88E-05	1,91E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	3,44E-04	2,12E-05	5,14E-05	4,16E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,15E-03	9,55E-05	5,39E-05	1,30E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	3,95E-07	1,81E-08	6,89E-10	4,14E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	9,47E+00	6,92E-01	2,76E-01	1,04E+01
Water scarcoty potential		m^3 eq.	1,07E+01	1,89E-02	1,70E-02	1,07E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,31E+00	3,99E-01	1,82E-02	2,72E+00
	Used as raw materials	MJ, net calorific value	1,00E+00	(N/A)	(N/A)	1,00E+00
	Total	MJ, net calorific value	3,31E+00	3,99E-01	1,82E-02	3,72E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,02E+01	8,97E-01	2,85E-01	1,14E+01
	Used as raw materials	MJ, net calorific value	3,68E+00	8,01E-04	8,54E-03	3,69E+00
	Total	MJ, net calorific value	1,39E+01	8,98E-01	2,94E-01	1,51E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	1,62E-02	4,35E-03	6,11E-04	2,12E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	2,46E-06	6,80E-10	1,13E-08	2,47E-06
Non-hazardous waste disposed	kg	1,06E-03	1,05E-03	5,14E-02	5,35E-02
Radioactive waste disposed	kg	8,08E-05	8,10E-05	2,22E-06	1,64E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	8,32E-02	8,32E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,102	0,014	0,032	0,147
	Biogenic	kg CO_2 eq.	-0,024	0,000	0,009	-0,014
	Land use and land transformation	kg CO_2 eq.	0,00006	0,00008	0,00006	0,00020
	Total	kg CO_2 eq.	0,078	0,014	0,041	0,133
Acidification potential (AP)		kg SO_2 eq.	4,22E-04	4,68E-05	2,02E-05	4,89E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	8,79E-05	5,34E-06	1,31E-05	1,06E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,93E-04	2,40E-05	1,37E-05	3,31E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,00E-07	4,55E-09	1,89E-10	1,05E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,44E+00	1,74E-01	7,12E-02	2,68E+00
Water scarcity potential		m^3 eq.	2,80E+00	4,75E-03	4,33E-03	2,81E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5,84E-01	1,00E-01	4,69E-03	6,89E-01
	Used as raw materials	MJ, net calorific value	2,51E-01	(N/A)	(N/A)	2,51E-01
	Total	MJ, net calorific value	8,35E-01	1,00E-01	4,69E-03	9,40E-01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,63E+00	2,26E-01	7,36E-02	2,93E+00
	Used as raw materials	MJ, net calorific value	9,51E-01	2,02E-04	2,16E-03	9,54E-01
	Total	MJ, net calorific value	3,58E+00	2,26E-01	7,58E-02	3,88E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	4,13E-03	1,10E-03	1,56E-04	5,38E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,15E-07	1,71E-10	2,93E-09	6,18E-07
Non-hazardous waste disposed	kg	2,66E-04	2,64E-04	1,31E-02	1,36E-02
Radioactive waste disposed	kg	2,07E-05	2,04E-05	5,67E-07	4,16E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	2,09E-02	2,09E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,407	0,056	0,126	0,589
	Biogenic	kg CO_2 eq.	-0,095	0,000	0,038	-0,057
	Land use and land transformation	kg CO_2 eq.	0,00023	0,00034	0,00024	0,00081
	Total	kg CO_2 eq.	0,313	0,056	0,164	0,533
Acidification potential (AP)		kg SO_2 eq.	1,69E-03	1,87E-04	8,09E-05	1,96E-03
Eutrophication potential (EP)		kg PO_4^{3} eq.	3,52E-04	2,14E-05	5,23E-05	4,25E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,17E-03	9,62E-05	5,49E-05	1,32E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,01E-07	1,82E-08	7,56E-10	4,20E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	9,74E+00	6,97E-01	2,85E-01	1,07E+01
Water scarcoty potential		m^3 eq.	1,12E+01	1,90E-02	1,73E-02	1,12E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,34E+00	4,01E-01	1,88E-02	2,76E+00
	Used as raw materials	MJ, net calorific value	1,00E+00	(N/A)	(N/A)	1,00E+00
	Total	MJ, net calorific value	3,34E+00	4,01E-01	1,88E-02	3,76E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,05E+01	9,03E-01	2,94E-01	1,17E+01
	Used as raw materials	MJ, net calorific value	3,81E+00	8,06E-04	8,64E-03	3,81E+00
	Total	MJ, net calorific value	1,43E+01	9,04E-01	3,03E-01	1,55E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	1,65E-02	4,38E-03	6,23E-04	2,15E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	2,46E-06	6,85E-10	1,17E-08	2,47E-06
Non-hazardous waste disposed	kg	1,07E-03	1,05E-03	5,25E-02	5,46E-02
Radioactive waste disposed	kg	8,27E-05	8,16E-05	2,27E-06	1,66E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	8,36E-02	8,36E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

31. TENA Silh Normal L White pr 795620 & 795614

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,115	0,015	0,035	0,165
	Biogenic	kg CO_2 eq.	-0,024	0,000	0,010	-0,014
	Land use and land transformation	kg CO_2 eq.	0,00006	0,00009	0,00006	0,00022
	Total	kg CO_2 eq.	0,091	0,015	0,045	0,151
Acidification potential (AP)		kg SO_2 eq.	4,71E-04	5,13E-05	2,17E-05	5,44E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	9,57E-05	5,87E-06	1,38E-05	1,15E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,22E-04	2,64E-05	1,46E-05	3,63E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,12E-07	4,99E-09	2,42E-10	1,17E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,76E+00	1,91E-01	7,66E-02	3,03E+00
Water scarcity potential		m^3 eq.	3,14E+00	5,21E-03	4,81E-03	3,15E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5,94E-01	1,10E-01	5,08E-03	7,09E-01
	Used as raw materials	MJ, net calorific value	2,51E-01	(N/A)	(N/A)	2,51E-01
	Total	MJ, net calorific value	8,44E-01	1,10E-01	5,08E-03	9,59E-01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,98E+00	2,48E-01	7,92E-02	3,31E+00
	Used as raw materials	MJ, net calorific value	1,14E+00	2,21E-04	2,21E-03	1,14E+00
	Total	MJ, net calorific value	4,12E+00	2,48E-01	8,14E-02	4,45E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	4,59E-03	1,20E-03	1,73E-04	5,97E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,29E-07	1,88E-10	3,12E-09	6,32E-07
Non-hazardous waste disposed	kg	2,76E-04	2,89E-04	1,48E-02	1,54E-02
Radioactive waste disposed	kg	2,30E-05	2,24E-05	6,24E-07	4,60E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	2,23E-02	2,23E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,459	0,061	0,140	0,660
	Biogenic	kg CO_2 eq.	-0,095	0,000	0,038	-0,056
	Land use and land transformation	kg CO_2 eq.	0,00025	0,00037	0,00026	0,00088
	Total	kg CO_2 eq.	0,364	0,061	0,179	0,604
Acidification potential (AP)		kg SO_2 eq.	1,88E-03	2,05E-04	8,67E-05	2,17E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	3,83E-04	2,35E-05	5,52E-05	4,61E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,29E-03	1,06E-04	5,83E-05	1,45E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,49E-07	2,00E-08	9,67E-10	4,70E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,10E+01	7,65E-01	3,07E-01	1,21E+01
Water scarcoty potential		m^3 eq.	1,26E+01	2,08E-02	1,92E-02	1,26E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,37E+00	4,41E-01	2,03E-02	2,84E+00
	Used as raw materials	MJ, net calorific value	1,00E+00	(N/A)	(N/A)	1,00E+00
	Total	MJ, net calorific value	3,38E+00	4,41E-01	2,03E-02	3,84E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,19E+01	9,92E-01	3,17E-01	1,32E+01
	Used as raw materials	MJ, net calorific value	4,55E+00	8,85E-04	8,85E-03	4,56E+00
	Total	MJ, net calorific value	1,65E+01	9,92E-01	3,25E-01	1,78E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	1,84E-02	4,81E-03	6,91E-04	2,39E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	2,51E-06	7,52E-10	1,25E-08	2,53E-06
Non-hazardous waste disposed	kg	1,10E-03	1,16E-03	5,92E-02	6,15E-02
Radioactive waste disposed	kg	9,20E-05	8,95E-05	2,49E-06	1,84E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	8,94E-02	8,94E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

32. TENA Silh Normal L Black 795619 & 795621

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,115	0,015	0,035	0,166
	Biogenic	kg CO_2 eq.	-0,024	0,000	0,010	-0,014
	Land use and land transformation	kg CO_2 eq.	0,00006	0,00009	0,00006	0,00022
	Total	kg CO_2 eq.	0,092	0,015	0,045	0,152
Acidification potential (AP)		kg SO_2 eq.	4,74E-04	5,17E-05	2,18E-05	5,48E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	9,58E-05	5,91E-06	1,38E-05	1,16E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,24E-04	2,66E-05	1,46E-05	3,65E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,13E-07	5,03E-09	2,45E-10	1,18E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,79E+00	1,93E-01	7,71E-02	3,06E+00
Water scarcity potential		m^3 eq.	3,19E+00	5,24E-03	4,85E-03	3,20E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5,91E-01	1,11E-01	5,11E-03	7,07E-01
	Used as raw materials	MJ, net calorific value	2,51E-01	(N/A)	(N/A)	2,51E-01
	Total	MJ, net calorific value	8,42E-01	1,11E-01	5,11E-03	9,58E-01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,01E+00	2,50E-01	7,96E-02	3,34E+00
	Used as raw materials	MJ, net calorific value	1,15E+00	2,23E-04	2,20E-03	1,16E+00
	Total	MJ, net calorific value	4,16E+00	2,50E-01	8,18E-02	4,49E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	4,61E-03	1,21E-03	1,74E-04	6,00E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,29E-07	1,89E-10	3,14E-09	6,32E-07
Non-hazardous waste disposed	kg	2,75E-04	2,91E-04	1,50E-02	1,55E-02
Radioactive waste disposed	kg	2,30E-05	2,25E-05	6,28E-07	4,61E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	2,24E-02	2,24E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

32. TENA Silh Normal L Black 795619 & 795621

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,461	0,061	0,141	0,664
	Biogenic	kg CO_2 eq.	-0,095	0,000	0,038	-0,057
	Land use and land transformation	kg CO_2 eq.	0,00025	0,00037	0,00026	0,00088
	Total	kg CO_2 eq.	0,367	0,062	0,180	0,608
Acidification potential (AP)		kg SO_2 eq.	1,90E-03	2,07E-04	8,72E-05	2,19E-03
Eutrophication potential (EP)		kg PO_4^{3} eq.	3,83E-04	2,36E-05	5,52E-05	4,62E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,30E-03	1,06E-04	5,85E-05	1,46E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,51E-07	2,01E-08	9,80E-10	4,72E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,11E+01	7,70E-01	3,08E-01	1,22E+01
Water scarcoty potential		m^3 eq.	1,27E+01	2,10E-02	1,94E-02	1,28E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,37E+00	4,44E-01	2,04E-02	2,83E+00
	Used as raw materials	MJ, net calorific value	1,00E+00	(N/A)	(N/A)	1,00E+00
	Total	MJ, net calorific value	3,37E+00	4,44E-01	2,04E-02	3,83E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,20E+01	9,98E-01	3,19E-01	1,33E+01
	Used as raw materials	MJ, net calorific value	4,62E+00	8,91E-04	8,81E-03	4,62E+00
	Total	MJ, net calorific value	1,66E+01	9,99E-01	3,27E-01	1,80E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	1,85E-02	4,84E-03	6,96E-04	2,40E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	2,51E-06	7,57E-10	1,26E-08	2,53E-06
Non-hazardous waste disposed	kg	1,10E-03	1,17E-03	5,98E-02	6,21E-02
Radioactive waste disposed	kg	9,19E-05	9,01E-05	2,51E-06	1,85E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	8,97E-02	8,97E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

33. TENA Silh Plus M Creme & Noir 782509 & 703081 & 782512

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,125	0,018	0,040	0,184
	Biogenic	kg CO_2 eq.	-0,030	0,000	0,011	-0,019
	Land use and land transformation	kg CO_2 eq.	0,00007	0,00011	0,00007	0,00026
	Total	kg CO_2 eq.	0,096	0,018	0,051	0,165
Acidification potential (AP)		kg SO_2 eq.	5,13E-04	5,97E-05	2,53E-05	5,98E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,07E-04	6,82E-06	1,58E-05	1,30E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,64E-04	3,07E-05	1,69E-05	4,12E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,02E-07	5,80E-09	-2,55E-10	1,07E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,09E+00	2,22E-01	8,94E-02	3,40E+00
Water scarcity potential		m^3 eq.	3,46E+00	6,06E-03	5,63E-03	3,48E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	7,33E-01	1,28E-01	5,88E-03	8,67E-01
	Used as raw materials	MJ, net calorific value	3,13E-01	(N/A)	(N/A)	3,13E-01
	Total	MJ, net calorific value	1,05E+00	1,28E-01	5,88E-03	1,18E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,32E+00	2,88E-01	9,23E-02	3,70E+00
	Used as raw materials	MJ, net calorific value	1,19E+00	2,57E-04	2,49E-03	1,20E+00
	Total	MJ, net calorific value	4,51E+00	2,88E-01	9,48E-02	4,89E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	4,88E-03	1,40E-03	2,02E-04	6,48E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,29E-06	2,19E-10	3,63E-09	1,29E-06
Non-hazardous waste disposed	kg	3,60E-04	3,36E-04	1,76E-02	1,83E-02
Radioactive waste disposed	kg	2,59E-05	2,60E-05	7,34E-07	5,27E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	2,90E-02	2,90E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

33. TENA Silh Plus M Creme & Noir 782509 & 703081 & 782512

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,501	0,071	0,162	0,734
	Biogenic	kg CO_2 eq.	-0,118	0,000	0,043	-0,075
	Land use and land transformation	kg CO_2 eq.	0,00030	0,00043	0,00030	0,00103
	Total	kg CO_2 eq.	0,383	0,071	0,205	0,660
Acidification potential (AP)		kg SO_2 eq.	2,05E-03	2,39E-04	1,01E-04	2,39E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	4,28E-04	2,73E-05	6,33E-05	5,19E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,46E-03	1,23E-04	6,77E-05	1,65E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,07E-07	2,32E-08	-1,02E-09	4,29E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,23E+01	8,89E-01	3,58E-01	1,36E+01
Water scarcoty potential		m^3 eq.	1,39E+01	2,42E-02	2,25E-02	1,39E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,93E+00	5,12E-01	2,35E-02	3,47E+00
	Used as raw materials	MJ, net calorific value	1,25E+00	(N/A)	(N/A)	1,25E+00
	Total	MJ, net calorific value	4,19E+00	5,12E-01	2,35E-02	4,72E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,33E+01	1,15E+00	3,69E-01	1,48E+01
	Used as raw materials	MJ, net calorific value	4,78E+00	1,03E-03	9,96E-03	4,79E+00
	Total	MJ, net calorific value	1,80E+01	1,15E+00	3,79E-01	1,96E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	1,95E-02	5,59E-03	8,08E-04	2,59E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,14E-06	8,74E-10	1,45E-08	5,16E-06
Non-hazardous waste disposed	kg	1,44E-03	1,35E-03	7,02E-02	7,30E-02
Radioactive waste disposed	kg	1,04E-04	1,04E-04	2,94E-06	2,11E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,16E-01	1,16E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

34. TENA Silh Plus L Creme & Noir 782608 & 703082 & 782610

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,144	0,020	0,046	0,210
	Biogenic	kg CO_2 eq.	-0,029	0,000	0,011	-0,018
	Land use and land transformation	kg CO_2 eq.	0,00008	0,00012	0,00008	0,00029
	Total	kg CO_2 eq.	0,115	0,020	0,057	0,192
Acidification potential (AP)		kg SO_2 eq.	5,85E-04	6,59E-05	2,83E-05	6,79E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,19E-04	7,52E-06	1,70E-05	1,43E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,09E-04	3,39E-05	1,84E-05	4,61E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,09E-07	6,40E-09	-4,40E-10	1,15E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,61E+00	2,45E-01	1,01E-01	3,95E+00
Water scarcity potential		m^3 eq.	4,10E+00	6,68E-03	6,39E-03	4,11E+00
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	7,60E-01	1,41E-01	6,66E-03	9,08E-01
	Used as raw materials	MJ, net calorific value	3,13E-01	(N/A)	(N/A)	3,13E-01
	Total	MJ, net calorific value	1,07E+00	1,41E-01	6,66E-03	1,22E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,88E+00	3,18E-01	1,04E-01	4,30E+00
	Used as raw materials	MJ, net calorific value	1,48E+00	2,84E-04	2,54E-03	1,49E+00
	Total	MJ, net calorific value	5,36E+00	3,18E-01	1,07E-01	5,78E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	5,45E-03	1,54E-03	2,29E-04	7,22E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,57E-06	2,41E-10	4,11E-09	1,58E-06
Non-hazardous waste disposed	kg	3,78E-04	3,71E-04	2,03E-02	2,10E-02
Radioactive waste disposed	kg	2,93E-05	2,87E-05	8,29E-07	5,88E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,19E-02	3,19E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
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34. TENA Silh Plus L Creme & Noir 782608 & 703082 & 782610

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,578	0,078	0,185	0,841
	Biogenic	kg CO_2 eq.	-0,118	0,000	0,044	-0,074
	Land use and land transformation	kg CO_2 eq.	0,00033	0,00047	0,00034	0,00115
	Total	kg CO_2 eq.	0,461	0,079	0,229	0,768
Acidification potential (AP)		kg SO_2 eq.	2,34E-03	2,63E-04	1,13E-04	2,71E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	4,74E-04	3,01E-05	6,78E-05	5,72E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,64E-03	1,35E-04	7,37E-05	1,84E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,36E-07	2,56E-08	-1,76E-09	4,60E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,44E+01	9,81E-01	4,05E-01	1,58E+01
Water scarcoty potential		m^3 eq.	1,64E+01	2,67E-02	2,56E-02	1,65E+01
Land use and land use change (LUC)		m^2 per year	(N/A)	(N/A)	(N/A)	(N/A)

Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorofic value	3,04E+00	5,65E-01	2,66E-02	3,63E+00
	Used as raw materials	MJ, net calorofic value	1,25E+00	(N/A)	(N/A)	1,25E+00
	Total	MJ, net calorofic value	4,29E+00	5,65E-01	2,66E-02	4,89E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,55E+01	1,27E+00	4,18E-01	1,72E+01
	Used as raw materials	MJ, net calorofic value	5,93E+00	1,14E-03	1,01E-02	5,94E+00
	Total	MJ, net calorofic value	2,14E+01	1,27E+00	4,28E-01	2,31E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorofic value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m^3	2,18E-02	6,17E-03	9,17E-04	2,89E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,30E-06	9,65E-10	1,64E-08	6,32E-06
Non-hazardous waste disposed	kg	1,51E-03	1,48E-03	8,12E-02	8,42E-02
Radioactive waste disposed	kg	1,17E-04	1,15E-04	3,32E-06	2,35E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,28E-01	1,28E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential
AP - Acidification Potential
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

References

1. PCR 2011:14 v. 3.01
2. General Programme Instructions for the International EPD® System v. 3.01
3. ISO 14040:2006 Environmental management – Life cycle assessment – Principles and framework
4. ISO 14044:2006 Environmental management – Life cycle assessment – Requirements and guidelines
5. ISO 14025:2006 Environmental labels and declarations – Type III environmental declarations – Principles and procedures
6. ISO 14020:2000 Environmental labels and declarations – General principles
7. DPCM 12/01/17 – G.U. n. 65 del 18 marzo 2017
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Versions

Version	Revision item
9	-
10	New products & articles added (new LCA calculations): TENA Pants Maxi Small, art.no. 794410 & 794411 TENA Pants Normal XL, art.no.791760 & 791761
11	New products & articles added (new LCA calculations): TENA Silh Normal M White pr, art.no. 795522 TENA Silh Normal M Black art.no. 795515 TENA Silh Normal L White pr, art.no. 795620 TENA Silh Normal L Black art.no. 795619 TENA Silh Plus M Creme art.no. 782509 TENA Silh Plus L Creme art.no. 782608 New articles added (no new LCA calculations): TENA Pants Discreet M, art.no. 792108 TENA Pants Discreet L, art.no. 793107 Articles removed TENA Pants Normal XL (CA), art.no. 791715
12	New articles added (no new LCA calculations): TENA Pants Plus XXS & XS, art.no. 792215 TENA Pants Plus S, art.no. 792435 TENA Pants Plus M, art.no. 792557 & 792558 & 792569 TENA Pants Plus L, art.no. 792639 & 792641 & 792668 TENA Pants Plus XL, art.no. 792735 TENA Pants Super M, art.no. 793541 & 793542 TENA Pants Night Super M, art.no. 793576 TENA Pants Super L, art.no. 793637 & 793638 TENA Pants Night Super L, art.no. 793675 TENA Pants Super XL, art.no. 793733 TENA Pants Maxi M, art.no. 794534 & 794535 TENA Pants Maxi L, art.no. 794636 & 794637 TENA Pants Plus Classic M, art.no. 782535 & 782531 TENA Pants Plus Classic L, art.no. 782619 & 782618* TENA Pants Discreet M, art.no. 792102 TENA Pants Discreet L, art.no. 793102 TENA Silh. Normal M, White pr, art.no. 795514 TENA Silh. Normal M, Black, art.no. 795516 TENA Silh. Normal L, White pr, art.no. 795614 TENA Silh. Normal L, Black, art.no. 795621 TENA Silh. Plus M, Crème & Noir, art.no. 703081 & 782512 TENA Silh. Plus L, Crème & Noir, art.no. 703082 & 782610

Making a better mark – for people, and for the planet

We create value for customers and consumers by increasing health and hygiene standards through our innovative solutions, and by sharing knowledge and promoting awareness.

We create business value by meeting societal needs and offering more people an opportunity to work, in better conditions, so they can provide for their families and live happier, fuller lives.

Since 2008 we've also been taking steps to make every TENA product more sustainable. For example, by converting to 100% renewable electricity in all our factories. Our goal is to reduce the carbon footprint of our products and services by 50 % by 2030.

Step by step, to leave a better mark on the planet.