Environmental Product Declaration

EPD®

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

TENA Slip

Date of publication:	**2015-05-04**
Valid until:	**2025-10-11**
PCR reference:	CPC division 32193 Absorbent Hygiene Products PCR 2011:14 V. 3.01
Registration number:	S-P-00645
Revision date:	2022-01-14
Version:	**8**
Programme:	International EPD® System
Programme operator:	EPD International AB

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) Length x Width F/B	Weight ± 5% (g)
1	TENA Slip Plus XS	710430	614 x 420	65
2	TENA Slip Plus S	710530 712130* 712131*	694 x 480	72
3	TENA Slip Plus M	710630 712230* 712134*	828 x 650	93
4	TENA Slip Plus L	710730 710732* 712138*	976 x 800	111
5	TENA Slip Plus XL	711021	980 x 840	121
6	TENA Slip Super S	711130 711930* 712132*	694 x 480	75
7	TENA Slip Super M	711228 711928* 712135*	828 x 650	108
8	TENA Slip Super L	711428 711431* 712139*	976 x 800	123
9	TENA Slip Super XL	711023	980 x 840	140
10	TENA Slip Maxi S	710824 712030* 712133*	694 x 480	90

* Article approved according to the Nordic Ecolabel License 3023 0069

This environmental declaration covers the following products (cont.)		Article number	Dimension (mm) Length x Width F/B	Weight ± 5% (g)
11	TENA Slip Maxi M	710924 711824* 712136*	828 x 650	133
12	TENA Slip Maxi L	711022* 711024 711032 712140*	976 x 800	158
13	TENA Slip Maxi XL	711026	980 x 840	164
14	TENA Slip Original Plus S	211426	694 x 480	71
15	TENA Slip Original Plus M	212130	828 x 650	85
16	TENA Slip Original Plus L	212230	976 x 800	101
17	TENA Slip Original Plus XL	212106	980 x 840	113
18	TENA Slip Original Super M	212330	828 x 650	95
19	TENA Slip Original Super L	212430	976 x 800	110
20	TENA Slip Original Maxi M	212024	828 x 650	133
21	TENA Slip Original Maxi L	212124	976 x 800	157
22	TENA Slip Basic Plus M	211450	828 x 650	81
23	TENA Slip Basic Plus L	211451	976 x 800	90
24	TENA Slip Basic Super M	211452	828 x 650	95
25	TENA Slip Basic Super L	211453	976 x 800	103

* Article approved according to the Nordic Ecolabel License 3023 0069

This environmental declaration covers the following products (cont.)		Article number	Dimension (mm) Length x Width F/B	Weight ± 5% (g)
26	TENA Slip Ultima Medium	710521 710522* 712137*	828 x 650	157
27	TENA Slip Ultima Large	710621 710623* 712141*	976 x 800	189
28	TENA Slip Ultima XL	710622	980 x 840	189
29	TENA Slip Bariatric XXL	61490	1125 x 620	140
30	TENA Slip Bariatric 3XL	61391	1125 x 830	165
31	TENA Slip Pro Plus Medium	710600	800 x 710	87
32	TENA Slip Pro Plus Large	710700	940 x 850	100
33	TENA Slip Pro Super Medium	711201	800 x 710	98
34	TENA Slip Pro Super Large	711400	940 x 850	111

* Article approved according to the Nordic Ecolabel License 3023 0069

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.

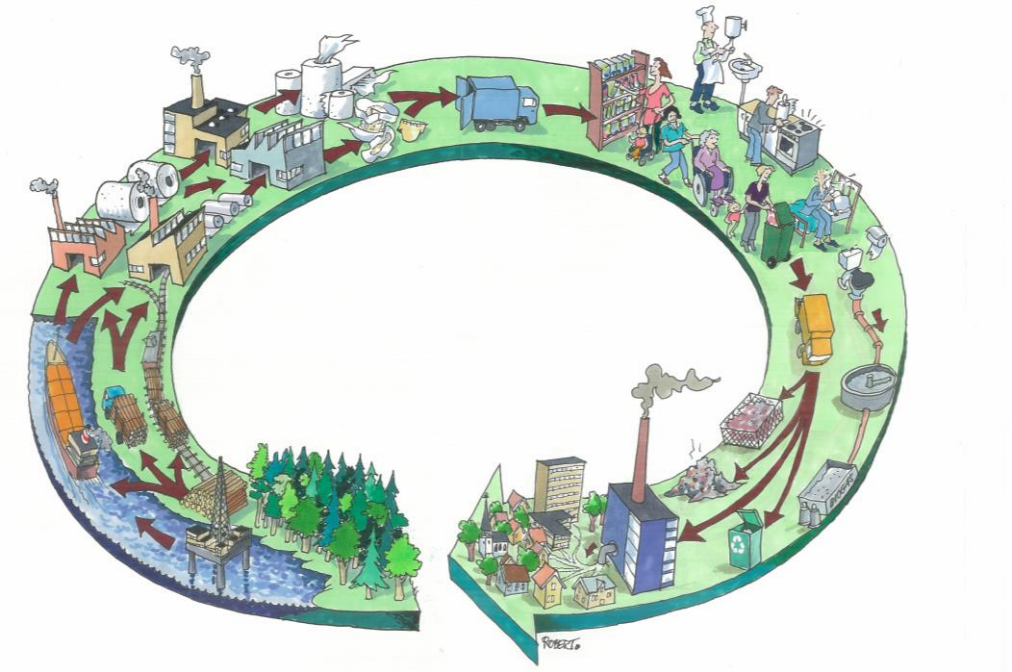
RESPONSIBLE SOURCING involves seeking high-quality raw materials that are safe from both a social and environmental perspective. The company's suppliers adhere to strict demands in Essity's Global Supplier Standard

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.

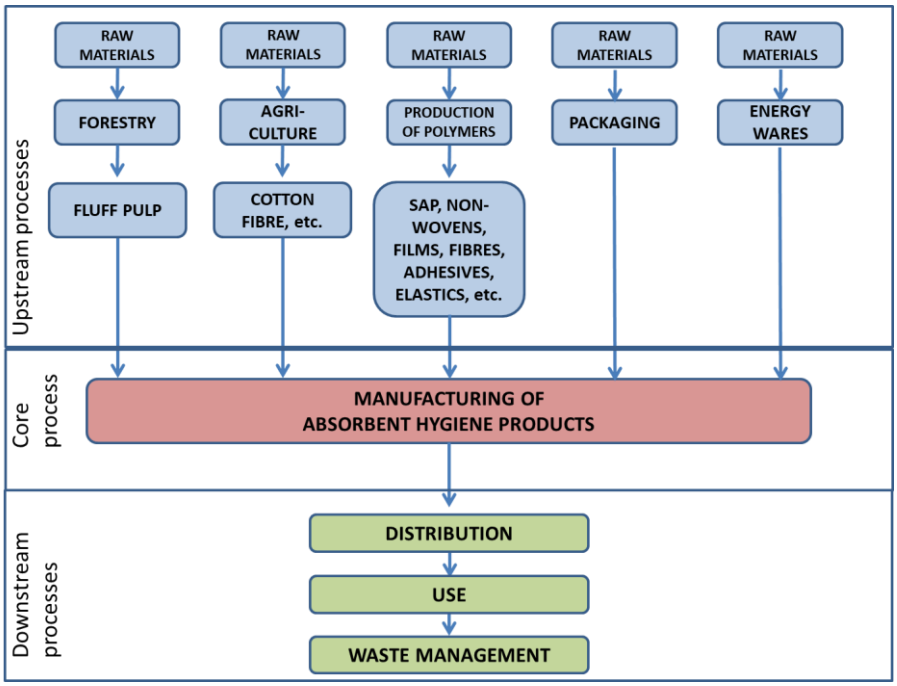
Product	Carbon footprint reduction Year 2008 – 2019
TENA Flex	- 18 %
TENA Female Liners & Pads	- 33 %
TENA Men	- 20 %
TENA Pants & Underwear	- 33 %
TENA Slip	- 20 %
TENA Comfort	- 19 %
TENA Bed	- 11 %

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.

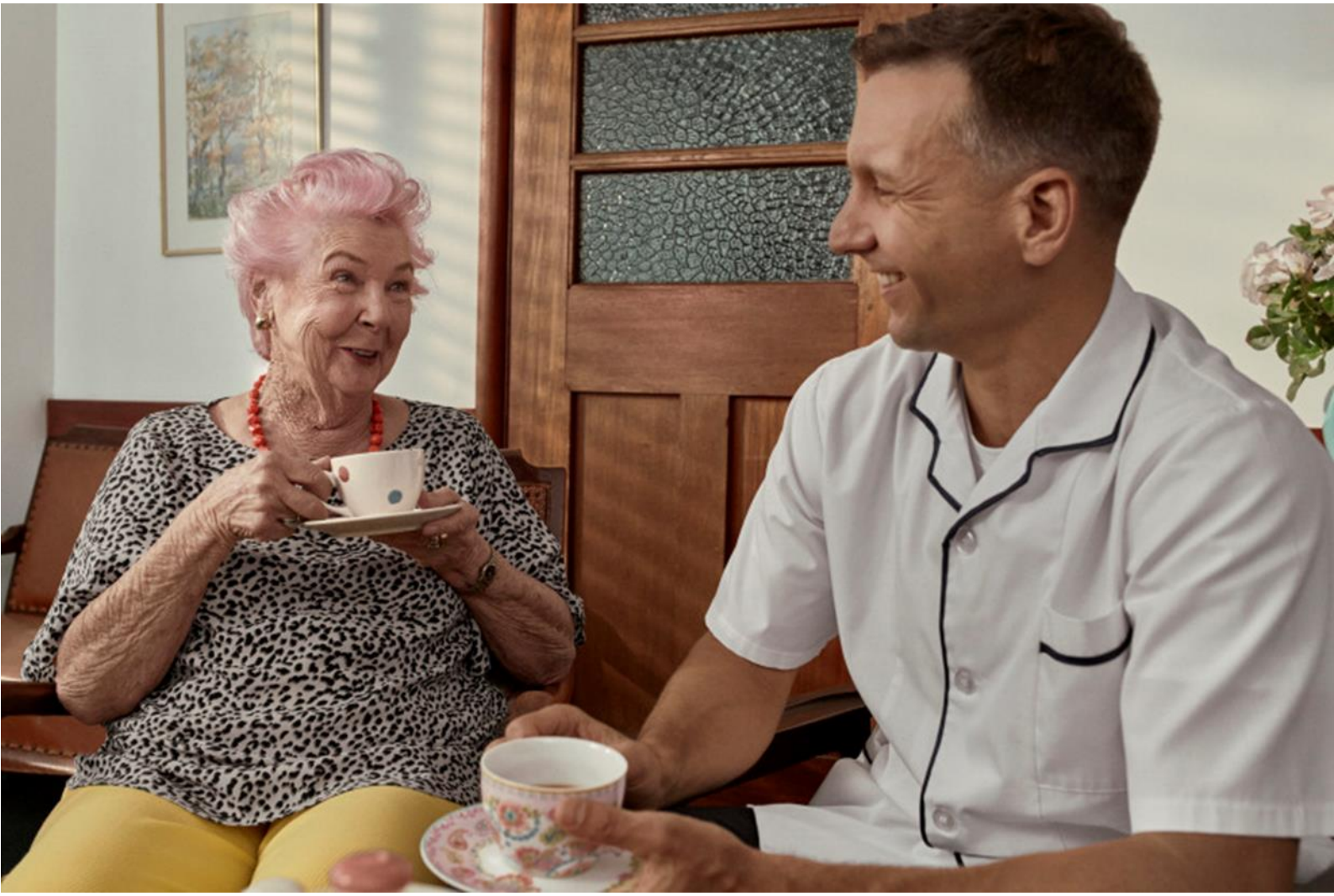
Product category rules (PCR): Absorbent Hygiene Products, 2011:14, version 3.01, UN CPC 32193 General Programme Instructions ver.3.01
Programme operator: EPD International AB, Box 210 60, SE-100 31 Stockholm, Sweden e-mail: info@environdec.com
Product Category Rules review was conducted by: The Technical 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 Slip – environmental performance

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.

Composition for TENA Slip (all articles) Specific data is used in all calculations.	
Pulp	60 - 67 %
Polymers	14 - 22 %
Plastics	16 - 21 %

Content declaration
Calcium carbonate
Cellulose pulp
Glue
Ink
Polyester
Polyethylene
Polypropylene
Super absorbent
Synthetic elastics



1. TENA Slip Plus XS 710430

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,102	0,020	0,041	0,162
	Biogenic	kg CO_2 eq.	-0,068	0,000	0,023	-0,046
	Land use and land transformation	kg CO_2 eq.	0,00008	0,00012	0,00008	0,00028
	Total	kg CO_2 eq.	0,034	0,020	0,063	0,117
Acidification potential (AP)		kg SO_2 eq.	5,35E-04	6,73E-05	2,75E-05	6,30E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,13E-04	7,69E-06	2,43E-05	1,45E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,77E-04	3,46E-05	2,33E-05	4,35E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	9,05E-08	6,55E-09	3,78E-10	9,74E-08
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,20E+00	2,51E-01	8,80E-02	2,54E+00
Water scarcity potential		m^3 eq.	2,80E+00	6,83E-03	4,58E-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	1,42E+00	1,44E-01	5,65E-03	1,57E+00
	Used as raw materials	MJ, net calorific value	7,07E-01	(N/A)	(N/A)	7,07E-01
	Total	MJ, net calorific value	2,13E+00	1,44E-01	5,65E-03	2,28E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,38E+00	3,25E-01	9,19E-02	2,80E+00
	Used as raw materials	MJ, net calorific value	6,88E-01	2,90E-04	5,18E-03	6,93E-01
	Total	MJ, net calorific value	3,07E+00	3,25E-01	9,71E-02	3,49E+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	4,42E-03	1,58E-03	1,65E-04	6,16E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	7,83E-07	2,47E-10	3,76E-09	7,87E-07
Non-hazardous waste disposed	kg	5,00E-04	3,79E-04	1,03E-02	1,12E-02
Radioactive waste disposed	kg	2,16E-05	2,93E-05	6,67E-07	5,16E-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	3,35E-02	3,35E-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 Slip Plus XS 710430

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,406	0,080	0,163	0,649
	Biogenic	kg CO_2 eq.	-0,273	0,000	0,090	-0,182
	Land use and land transformation	kg CO_2 eq.	0,00034	0,00048	0,00031	0,00113
	Total	kg CO_2 eq.	0,134	0,080	0,254	0,468
Acidification potential (AP)		kg SO_2 eq.	2,14E-03	2,69E-04	1,10E-04	2,52E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	4,54E-04	3,08E-05	9,70E-05	5,82E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,51E-03	1,38E-04	9,32E-05	1,74E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	3,62E-07	2,62E-08	1,51E-09	3,90E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	8,79E+00	1,00E+00	3,52E-01	1,01E+01
Water scarcoty potential		m^3 eq.	1,12E+01	2,73E-02	1,83E-02	1,13E+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	5,69E+00	5,78E-01	2,26E-02	6,29E+00
	Used as raw materials	MJ, net calorific value	2,83E+00	(N/A)	(N/A)	2,83E+00
	Total	MJ, net calorific value	8,51E+00	5,78E-01	2,26E-02	9,11E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	9,54E+00	1,30E+00	3,67E-01	1,12E+01
	Used as raw materials	MJ, net calorific value	2,75E+00	1,16E-03	2,07E-02	2,77E+00
	Total	MJ, net calorific value	1,23E+01	1,30E+00	3,88E-01	1,40E+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	6,31E-03	6,61E-04	2,46E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	3,13E-06	9,86E-10	1,50E-08	3,15E-06
Non-hazardous waste disposed	kg	2,00E-03	1,52E-03	4,14E-02	4,49E-02
Radioactive waste disposed	kg	8,65E-05	1,17E-04	2,67E-06	2,07E-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

2. TENA Slip Plus S 710530 & 712130 & 712131

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,118	0,022	0,046	0,186
	Biogenic	kg CO_2 eq.	-0,070	0,000	0,024	-0,046
	Land use and land transformation	kg CO_2 eq.	0,00009	0,00014	0,00009	0,00031
	Total	kg CO_2 eq.	0,048	0,022	0,069	0,140
Acidification potential (AP)		kg SO_2 eq.	5,96E-04	7,53E-05	3,07E-05	7,02E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,27E-04	8,60E-06	2,61E-05	1,62E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,23E-04	3,87E-05	2,53E-05	4,87E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,07E-07	7,32E-09	4,04E-10	1,15E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,63E+00	2,80E-01	9,94E-02	3,01E+00
Water scarcity potential		m^3 eq.	3,24E+00	7,64E-03	5,36E-03	3,25E+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	1,47E+00	1,61E-01	6,41E-03	1,64E+00
	Used as raw materials	MJ, net calorific value	7,25E-01	(N/A)	(N/A)	7,25E-01
	Total	MJ, net calorific value	2,19E+00	1,61E-01	6,41E-03	2,36E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,84E+00	3,63E-01	1,04E-01	3,31E+00
	Used as raw materials	MJ, net calorific value	8,53E-01	3,24E-04	5,42E-03	8,59E-01
	Total	MJ, net calorific value	3,70E+00	3,64E-01	1,09E-01	4,17E+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	1,76E-03	1,93E-04	7,06E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	9,84E-07	2,76E-10	4,21E-09	9,88E-07
Non-hazardous waste disposed	kg	5,25E-04	4,24E-04	1,29E-02	1,38E-02
Radioactive waste disposed	kg	2,49E-05	3,28E-05	7,64E-07	5,85E-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	3,67E-02	3,67E-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.	0,472	0,089	0,182	0,744
	Biogenic	kg CO_2 eq.	-0,279	0,000	0,095	-0,185
	Land use and land transformation	kg CO_2 eq.	0,00037	0,00054	0,00035	0,00126
	Total	kg CO_2 eq.	0,193	0,090	0,277	0,560
Acidification potential (AP)		kg SO_2 eq.	2,39E-03	3,01E-04	1,23E-04	2,81E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	5,09E-04	3,44E-05	1,04E-04	6,47E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,69E-03	1,55E-04	1,01E-04	1,95E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,27E-07	2,93E-08	1,61E-09	4,58E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,05E+01	1,12E+00	3,98E-01	1,20E+01
Water scarcoty potential		m^3 eq.	1,30E+01	3,05E-02	2,15E-02	1,30E+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	5,88E+00	6,46E-01	2,56E-02	6,55E+00
	Used as raw materials	MJ, net calorific value	2,90E+00	(N/A)	(N/A)	2,90E+00
	Total	MJ, net calorific value	8,78E+00	6,46E-01	2,56E-02	9,45E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,14E+01	1,45E+00	4,15E-01	1,32E+01
	Used as raw materials	MJ, net calorific value	3,41E+00	1,30E-03	2,17E-02	3,44E+00
	Total	MJ, net calorific value	1,48E+01	1,46E+00	4,36E-01	1,67E+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	7,05E-03	7,73E-04	2,82E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	3,94E-06	1,10E-09	1,68E-08	3,95E-06
Non-hazardous waste disposed	kg	2,10E-03	1,70E-03	5,14E-02	5,52E-02
Radioactive waste disposed	kg	9,96E-05	1,31E-04	3,06E-06	2,34E-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	1,47E-01	1,47E-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

3. TENA Slip Plus M 710630 & 712230 & 712134

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,155	0,030	0,060	0,244
	Biogenic	kg CO_2 eq.	-0,091	0,000	0,031	-0,060
	Land use and land transformation	kg CO_2 eq.	0,00012	0,00018	0,00011	0,00041
	Total	kg CO_2 eq.	0,064	0,030	0,091	0,184
Acidification potential (AP)		kg SO_2 eq.	7,82E-04	9,94E-05	4,00E-05	9,22E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,65E-04	1,14E-05	3,43E-05	2,11E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,51E-04	5,11E-05	3,33E-05	6,36E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,34E-07	9,66E-09	5,24E-10	1,45E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,48E+00	3,70E-01	1,29E-01	3,98E+00
Water scarcity potential		m^3 eq.	4,43E+00	1,01E-02	7,01E-03	4,45E+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	1,91E+00	2,13E-01	8,33E-03	2,13E+00
	Used as raw materials	MJ, net calorific value	9,48E-01	(N/A)	(N/A)	9,48E-01
	Total	MJ, net calorific value	2,86E+00	2,13E-01	8,33E-03	3,08E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,77E+00	4,80E-01	1,35E-01	4,39E+00
	Used as raw materials	MJ, net calorific value	1,19E+00	4,28E-04	7,17E-03	1,20E+00
	Total	MJ, net calorific value	4,97E+00	4,80E-01	1,42E-01	5,59E+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	6,57E-03	2,33E-03	2,52E-04	9,15E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,24E-06	3,64E-10	5,45E-09	1,25E-06
Non-hazardous waste disposed	kg	6,65E-04	5,60E-04	1,67E-02	1,79E-02
Radioactive waste disposed	kg	3,22E-05	4,33E-05	9,99E-07	7,65E-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	4,76E-02	4,76E-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.	0,619	0,118	0,240	0,977
	Biogenic	kg CO_2 eq.	-0,366	0,000	0,125	-0,241
	Land use and land transformation	kg CO_2 eq.	0,00047	0,00072	0,00045	0,00164
	Total	kg CO_2 eq.	0,254	0,119	0,365	0,738
Acidification potential (AP)		kg SO_2 eq.	3,13E-03	3,98E-04	1,60E-04	3,69E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	6,60E-04	4,54E-05	1,37E-04	8,43E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,20E-03	2,04E-04	1,33E-04	2,54E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	5,38E-07	3,86E-08	2,09E-09	5,78E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,39E+01	1,48E+00	5,16E-01	1,59E+01
Water scarcoty potential		m^3 eq.	1,77E+01	4,03E-02	2,80E-02	1,78E+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	7,64E+00	8,53E-01	3,33E-02	8,53E+00
	Used as raw materials	MJ, net calorific value	3,79E+00	(N/A)	(N/A)	3,79E+00
	Total	MJ, net calorific value	1,14E+01	8,53E-01	3,33E-02	1,23E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,51E+01	1,92E+00	5,39E-01	1,75E+01
	Used as raw materials	MJ, net calorific value	4,77E+00	1,71E-03	2,87E-02	4,80E+00
	Total	MJ, net calorific value	1,99E+01	1,92E+00	5,67E-01	2,23E+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	2,63E-02	9,31E-03	1,01E-03	3,66E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	4,97E-06	1,46E-09	2,18E-08	4,99E-06
Non-hazardous waste disposed	kg	2,66E-03	2,24E-03	6,68E-02	7,17E-02
Radioactive waste disposed	kg	1,29E-04	1,73E-04	3,99E-06	3,06E-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	1,91E-01	1,91E-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 Slip Plus L 710730 & 710732 & 712138

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,193	0,036	0,074	0,303
	Biogenic	kg CO_2 eq.	-0,110	0,000	0,038	-0,071
	Land use and land transformation	kg CO_2 eq.	0,00014	0,00022	0,00014	0,00050
	Total	kg CO_2 eq.	0,083	0,036	0,113	0,232
Acidification potential (AP)		kg SO_2 eq.	9,71E-04	1,22E-04	4,87E-05	1,14E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	1,99E-04	1,39E-05	4,19E-05	2,55E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	6,74E-04	6,26E-05	4,06E-05	7,77E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,52E-07	1,18E-08	5,30E-10	1,64E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,44E+00	4,53E-01	1,57E-01	5,05E+00
Water scarcity potential		m^3 eq.	5,84E+00	1,24E-02	8,56E-03	5,86E+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	2,30E+00	2,61E-01	1,01E-02	2,57E+00
	Used as raw materials	MJ, net calorific value	1,14E+00	(N/A)	(N/A)	1,14E+00
	Total	MJ, net calorific value	3,43E+00	2,61E-01	1,01E-02	3,70E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,80E+00	5,88E-01	1,64E-01	5,55E+00
	Used as raw materials	MJ, net calorific value	1,67E+00	5,25E-04	8,77E-03	1,68E+00
	Total	MJ, net calorific value	6,47E+00	5,88E-01	1,72E-01	7,23E+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	7,88E-03	2,85E-03	3,08E-04	1,10E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,62E-06	4,46E-10	6,61E-09	1,63E-06
Non-hazardous waste disposed	kg	7,75E-04	6,86E-04	2,04E-02	2,19E-02
Radioactive waste disposed	kg	3,90E-05	5,31E-05	1,22E-06	9,33E-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	5,71E-02	5,71E-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

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,771	0,145	0,297	1,214
	Biogenic	kg CO_2 eq.	-0,439	0,000	0,153	-0,286
	Land use and land transformation	kg CO_2 eq.	0,00058	0,00088	0,00054	0,00200
	Total	kg CO_2 eq.	0,333	0,145	0,451	0,930
Acidification potential (AP)		kg SO_2 eq.	3,88E-03	4,87E-04	1,95E-04	4,57E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	7,97E-04	5,57E-05	1,68E-04	1,02E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,70E-03	2,50E-04	1,63E-04	3,11E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,07E-07	4,74E-08	2,12E-09	6,56E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,77E+01	1,81E+00	6,28E-01	2,02E+01
Water scarcoty potential		m^3 eq.	2,33E+01	4,94E-02	3,43E-02	2,34E+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	9,18E+00	1,04E+00	4,05E-02	1,03E+01
	Used as raw materials	MJ, net calorific value	4,55E+00	(N/A)	(N/A)	4,55E+00
	Total	MJ, net calorific value	1,37E+01	1,04E+00	4,05E-02	1,48E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,92E+01	2,35E+00	6,55E-01	2,22E+01
	Used as raw materials	MJ, net calorific value	6,68E+00	2,10E-03	3,51E-02	6,72E+00
	Total	MJ, net calorific value	2,59E+01	2,35E+00	6,90E-01	2,89E+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	3,15E-02	1,14E-02	1,23E-03	4,41E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,48E-06	1,78E-09	2,65E-08	6,51E-06
Non-hazardous waste disposed	kg	3,10E-03	2,75E-03	8,17E-02	8,75E-02
Radioactive waste disposed	kg	1,56E-04	2,12E-04	4,88E-06	3,73E-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	2,29E-01	2,29E-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

5. TENA Slip Plus XL 711021

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,198	0,038	0,079	0,315
	Biogenic	kg CO_2 eq.	-0,121	0,000	0,041	-0,080
	Land use and land transformation	kg CO_2 eq.	0,00015	0,00023	0,00014	0,00052
	Total	kg CO_2 eq.	0,077	0,039	0,120	0,235
Acidification potential (AP)		kg SO_2 eq.	1,02E-03	1,29E-04	5,11E-05	1,20E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	2,11E-04	1,47E-05	4,45E-05	2,70E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	7,06E-04	6,64E-05	4,30E-05	8,15E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,63E-07	1,26E-08	8,35E-10	1,76E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,47E+00	4,81E-01	1,64E-01	5,12E+00
Water scarcity potential		m^3 eq.	5,99E+00	1,31E-02	9,01E-03	6,01E+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	2,50E+00	2,77E-01	1,06E-02	2,79E+00
	Used as raw materials	MJ, net calorific value	1,25E+00	(N/A)	(N/A)	1,25E+00
	Total	MJ, net calorific value	3,76E+00	2,77E-01	1,06E-02	4,04E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,85E+00	6,23E-01	1,71E-01	5,64E+00
	Used as raw materials	MJ, net calorific value	1,63E+00	5,56E-04	9,36E-03	1,64E+00
	Total	MJ, net calorific value	6,48E+00	6,24E-01	1,80E-01	7,29E+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	8,16E-03	3,02E-03	3,24E-04	1,15E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,23E-06	4,73E-10	6,89E-09	1,23E-06
Non-hazardous waste disposed	kg	8,24E-04	7,28E-04	2,13E-02	2,28E-02
Radioactive waste disposed	kg	4,02E-05	5,63E-05	1,28E-06	9,77E-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	6,22E-02	6,22E-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 Slip Plus XL 711021

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,791	0,153	0,314	1,259
	Biogenic	kg CO_2 eq.	-0,484	0,000	0,163	-0,321
	Land use and land transformation	kg CO_2 eq.	0,00060	0,00093	0,00057	0,00210
	Total	kg CO_2 eq.	0,307	0,154	0,478	0,940
Acidification potential (AP)		kg SO_2 eq.	4,06E-03	5,16E-04	2,04E-04	4,78E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	8,43E-04	5,90E-05	1,78E-04	1,08E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,82E-03	2,65E-04	1,72E-04	3,26E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,52E-07	5,02E-08	3,34E-09	7,05E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,79E+01	1,92E+00	6,56E-01	2,05E+01
Water scarcoty potential		m^3 eq.	2,40E+01	5,24E-02	3,60E-02	2,41E+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	1,00E+01	1,11E+00	4,24E-02	1,12E+01
	Used as raw materials	MJ, net calorific value	5,01E+00	(N/A)	(N/A)	5,01E+00
	Total	MJ, net calorific value	1,50E+01	1,11E+00	4,24E-02	1,62E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,94E+01	2,49E+00	6,84E-01	2,26E+01
	Used as raw materials	MJ, net calorific value	6,53E+00	2,23E-03	3,74E-02	6,57E+00
	Total	MJ, net calorific value	2,59E+01	2,50E+00	7,22E-01	2,91E+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	3,27E-02	1,21E-02	1,30E-03	4,60E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	4,91E-06	1,89E-09	2,76E-08	4,94E-06
Non-hazardous waste disposed	kg	3,30E-03	2,91E-03	8,51E-02	9,14E-02
Radioactive waste disposed	kg	1,61E-04	2,25E-04	5,13E-06	3,91E-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	2,49E-01	2,49E-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.	0,124	0,024	0,047	0,195
	Biogenic	kg CO_2 eq.	-0,071	0,000	0,024	-0,047
	Land use and land transformation	kg CO_2 eq.	0,00009	0,00014	0,00009	0,00033
	Total	kg CO_2 eq.	0,053	0,024	0,072	0,148
Acidification potential (AP)		kg SO_2 eq.	6,19E-04	7,93E-05	3,22E-05	7,31E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,35E-04	9,06E-06	2,69E-05	1,71E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,45E-04	4,07E-05	2,62E-05	5,12E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,19E-07	7,71E-09	4,61E-10	1,27E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,77E+00	2,95E-01	1,05E-01	3,17E+00
Water scarcity potential		m^3 eq.	3,32E+00	8,04E-03	5,77E-03	3,33E+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	1,50E+00	1,70E-01	6,76E-03	1,68E+00
	Used as raw materials	MJ, net calorific value	7,42E-01	(N/A)	(N/A)	7,42E-01
	Total	MJ, net calorific value	2,25E+00	1,70E-01	6,76E-03	2,42E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,00E+00	3,83E-01	1,09E-01	3,49E+00
	Used as raw materials	MJ, net calorific value	8,56E-01	3,42E-04	5,53E-03	8,62E-01
	Total	MJ, net calorific value	3,85E+00	3,83E-01	1,15E-01	4,35E+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	5,47E-03	1,86E-03	2,08E-04	7,53E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,00E-06	2,90E-10	4,40E-09	1,01E-06
Non-hazardous waste disposed	kg	5,48E-04	4,47E-04	1,42E-02	1,52E-02
Radioactive waste disposed	kg	2,64E-05	3,46E-05	8,13E-07	6,17E-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	3,87E-02	3,87E-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.	0,498	0,094	0,190	0,781
	Biogenic	kg CO_2 eq.	-0,286	0,000	0,097	-0,189
	Land use and land transformation	kg CO_2 eq.	0,00038	0,00057	0,00036	0,00131
	Total	kg CO_2 eq.	0,212	0,095	0,286	0,593
Acidification potential (AP)		kg SO_2 eq.	2,48E-03	3,17E-04	1,29E-04	2,92E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	5,38E-04	3,62E-05	1,08E-04	6,82E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,78E-03	1,63E-04	1,05E-04	2,05E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,75E-07	3,08E-08	1,84E-09	5,08E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,11E+01	1,18E+00	4,18E-01	1,27E+01
Water scarcoty potential		m^3 eq.	1,33E+01	3,22E-02	2,31E-02	1,33E+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	6,02E+00	6,80E-01	2,71E-02	6,72E+00
	Used as raw materials	MJ, net calorific value	2,97E+00	(N/A)	(N/A)	2,97E+00
	Total	MJ, net calorific value	8,98E+00	6,80E-01	2,71E-02	9,69E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,20E+01	1,53E+00	4,36E-01	1,40E+01
	Used as raw materials	MJ, net calorific value	3,42E+00	1,37E-03	2,21E-02	3,45E+00
	Total	MJ, net calorific value	1,54E+01	1,53E+00	4,58E-01	1,74E+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	2,19E-02	7,43E-03	8,30E-04	3,01E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	4,00E-06	1,16E-09	1,76E-08	4,02E-06
Non-hazardous waste disposed	kg	2,19E-03	1,79E-03	5,67E-02	6,07E-02
Radioactive waste disposed	kg	1,06E-04	1,38E-04	3,25E-06	2,47E-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	1,55E-01	1,55E-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 Slip Super M 711228 & 711928 & 712135

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,172	0,034	0,068	0,274
	Biogenic	kg CO_2 eq.	-0,108	0,000	0,037	-0,071
	Land use and land transformation	kg CO_2 eq.	0,00013	0,00021	0,00013	0,00047
	Total	kg CO_2 eq.	0,064	0,034	0,104	0,203
Acidification potential (AP)		kg SO_2 eq.	8,82E-04	1,15E-04	4,61E-05	1,04E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	1,92E-04	1,31E-05	3,99E-05	2,45E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	6,29E-04	5,90E-05	3,86E-05	7,26E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,63E-07	1,12E-08	7,25E-10	1,75E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,82E+00	4,27E-01	1,48E-01	4,39E+00
Water scarcity potential		m^3 eq.	4,81E+00	1,16E-02	8,03E-03	4,83E+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	2,24E+00	2,46E-01	9,53E-03	2,49E+00
	Used as raw materials	MJ, net calorific value	1,12E+00	(N/A)	(N/A)	1,12E+00
	Total	MJ, net calorific value	3,36E+00	2,46E-01	9,53E-03	3,61E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,13E+00	5,54E-01	1,54E-01	4,84E+00
	Used as raw materials	MJ, net calorific value	1,20E+00	4,94E-04	8,40E-03	1,21E+00
	Total	MJ, net calorific value	5,33E+00	5,55E-01	1,63E-01	6,05E+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	7,59E-03	2,69E-03	2,89E-04	1,06E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,27E-06	4,20E-10	6,24E-09	1,28E-06
Non-hazardous waste disposed	kg	7,64E-04	6,47E-04	1,89E-02	2,03E-02
Radioactive waste disposed	kg	3,61E-05	5,00E-05	1,14E-06	8,73E-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	5,53E-02	5,53E-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

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,689	0,136	0,271	1,096
	Biogenic	kg CO_2 eq.	-0,432	0,000	0,147	-0,286
	Land use and land transformation	kg CO_2 eq.	0,00053	0,00083	0,00051	0,00187
	Total	kg CO_2 eq.	0,258	0,137	0,418	0,813
Acidification potential (AP)		kg SO_2 eq.	3,53E-03	4,59E-04	1,84E-04	4,17E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	7,66E-04	5,24E-05	1,60E-04	9,79E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,52E-03	2,36E-04	1,54E-04	2,91E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,54E-07	4,46E-08	2,90E-09	7,01E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,53E+01	1,71E+00	5,91E-01	1,76E+01
Water scarcoty potential		m^3 eq.	1,92E+01	4,66E-02	3,21E-02	1,93E+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	8,95E+00	9,85E-01	3,81E-02	9,97E+00
	Used as raw materials	MJ, net calorofic value	4,48E+00	(N/A)	(N/A)	4,48E+00
	Total	MJ, net calorofic value	1,34E+01	9,85E-01	3,81E-02	1,44E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,65E+01	2,22E+00	6,16E-01	1,94E+01
	Used as raw materials	MJ, net calorofic value	4,81E+00	1,98E-03	3,36E-02	4,85E+00
	Total	MJ, net calorofic value	2,13E+01	2,22E+00	6,50E-01	2,42E+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	3,04E-02	1,07E-02	1,16E-03	4,23E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,08E-06	1,68E-09	2,49E-08	5,11E-06
Non-hazardous waste disposed	kg	3,06E-03	2,59E-03	7,55E-02	8,11E-02
Radioactive waste disposed	kg	1,44E-04	2,00E-04	4,58E-06	3,49E-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	2,21E-01	2,21E-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 Slip Super L 711428 & 711431 & 712139

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,206	0,040	0,080	0,326
	Biogenic	kg CO_2 eq.	-0,122	0,000	0,042	-0,080
	Land use and land transformation	kg CO_2 eq.	0,00016	0,00024	0,00015	0,00054
	Total	kg CO_2 eq.	0,085	0,040	0,123	0,247
Acidification potential (AP)		kg SO_2 eq.	1,05E-03	1,33E-04	5,33E-05	1,23E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	2,19E-04	1,52E-05	4,61E-05	2,81E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	7,32E-04	6,85E-05	4,46E-05	8,46E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,74E-07	1,30E-08	6,86E-10	1,88E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,69E+00	4,96E-01	1,71E-01	5,36E+00
Water scarcity potential		m^3 eq.	6,12E+00	1,35E-02	9,34E-03	6,15E+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	2,53E+00	2,86E-01	1,10E-02	2,83E+00
	Used as raw materials	MJ, net calorific value	1,26E+00	(N/A)	(N/A)	1,26E+00
	Total	MJ, net calorific value	3,80E+00	2,86E-01	1,10E-02	4,09E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	5,08E+00	6,43E-01	1,79E-01	5,90E+00
	Used as raw materials	MJ, net calorific value	1,68E+00	5,74E-04	9,67E-03	1,69E+00
	Total	MJ, net calorific value	6,76E+00	6,44E-01	1,88E-01	7,59E+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	8,66E-03	3,12E-03	3,36E-04	1,21E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,64E-06	4,88E-10	7,21E-09	1,65E-06
Non-hazardous waste disposed	kg	8,49E-04	7,51E-04	2,21E-02	2,37E-02
Radioactive waste disposed	kg	4,21E-05	5,81E-05	1,33E-06	1,02E-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	6,29E-02	6,29E-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 Slip Super L 711428 & 711431 & 712139

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,826	0,158	0,321	1,305
	Biogenic	kg CO_2 eq.	-0,487	0,000	0,169	-0,319
	Land use and land transformation	kg CO_2 eq.	0,00062	0,00096	0,00059	0,00217
	Total	kg CO_2 eq.	0,339	0,159	0,490	0,988
Acidification potential (AP)		kg SO_2 eq.	4,18E-03	5,33E-04	2,13E-04	4,93E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	8,77E-04	6,09E-05	1,84E-04	1,12E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,93E-03	2,74E-04	1,78E-04	3,38E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,96E-07	5,18E-08	2,74E-09	7,50E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,88E+01	1,98E+00	6,84E-01	2,14E+01
Water scarcoty potential		m^3 eq.	2,45E+01	5,41E-02	3,74E-02	2,46E+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	1,01E+01	1,14E+00	4,42E-02	1,13E+01
	Used as raw materials	MJ, net calorific value	5,05E+00	(N/A)	(N/A)	5,05E+00
	Total	MJ, net calorific value	1,52E+01	1,14E+00	4,42E-02	1,64E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,03E+01	2,57E+00	7,14E-01	2,36E+01
	Used as raw materials	MJ, net calorific value	6,71E+00	2,30E-03	3,87E-02	6,75E+00
	Total	MJ, net calorific value	2,70E+01	2,58E+00	7,53E-01	3,04E+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	3,46E-02	1,25E-02	1,34E-03	4,85E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,57E-06	1,95E-09	2,89E-08	6,60E-06
Non-hazardous waste disposed	kg	3,40E-03	3,00E-03	8,84E-02	9,48E-02
Radioactive waste disposed	kg	1,68E-04	2,32E-04	5,32E-06	4,06E-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	2,52E-01	2,52E-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

9. TENA Slip Super XL 711023

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,220	0,044	0,088	0,353
	Biogenic	kg CO_2 eq.	-0,142	0,000	0,048	-0,094
	Land use and land transformation	kg CO_2 eq.	0,00017	0,00027	0,00016	0,00060
	Total	kg CO_2 eq.	0,078	0,044	0,136	0,259
Acidification potential (AP)		kg SO_2 eq.	1,14E-03	1,49E-04	5,87E-05	1,35E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	2,44E-04	1,70E-05	5,15E-05	3,13E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	8,04E-04	7,64E-05	4,96E-05	9,30E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,00E-07	1,44E-08	1,09E-09	2,15E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,90E+00	5,53E-01	1,87E-01	5,64E+00
Water scarcity potential		m^3 eq.	6,47E+00	1,51E-02	1,03E-02	6,49E+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	2,91E+00	3,19E-01	1,21E-02	3,24E+00
	Used as raw materials	MJ, net calorific value	1,47E+00	(N/A)	(N/A)	1,47E+00
	Total	MJ, net calorific value	4,38E+00	3,19E-01	1,21E-02	4,71E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	5,31E+00	7,17E-01	1,96E-01	6,22E+00
	Used as raw materials	MJ, net calorific value	1,64E+00	6,40E-04	1,09E-02	1,65E+00
	Total	MJ, net calorific value	6,95E+00	7,18E-01	2,06E-01	7,88E+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	9,46E-03	3,48E-03	3,71E-04	1,33E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,26E-06	5,44E-10	7,87E-09	1,27E-06
Non-hazardous waste disposed	kg	9,50E-04	8,37E-04	2,41E-02	2,59E-02
Radioactive waste disposed	kg	4,52E-05	6,48E-05	1,47E-06	1,11E-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	7,19E-02	7,19E-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
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

9. TENA Slip Super XL 711023

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,880	0,177	0,354	1,410
	Biogenic	kg CO_2 eq.	-0,567	0,000	0,190	-0,377
	Land use and land transformation	kg CO_2 eq.	0,00067	0,00107	0,00065	0,00239
	Total	kg CO_2 eq.	0,313	0,177	0,544	1,035
Acidification potential (AP)		kg SO_2 eq.	4,56E-03	5,94E-04	2,35E-04	5,39E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	9,77E-04	6,79E-05	2,06E-04	1,25E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,22E-03	3,05E-04	1,99E-04	3,72E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	8,00E-07	5,78E-08	4,35E-09	8,62E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,96E+01	2,21E+00	7,49E-01	2,25E+01
Water scarcoty potential		m^3 eq.	2,59E+01	6,03E-02	4,13E-02	2,60E+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	1,16E+01	1,27E+00	4,85E-02	1,30E+01
	Used as raw materials	MJ, net calorific value	5,87E+00	(N/A)	(N/A)	5,87E+00
	Total	MJ, net calorific value	1,75E+01	1,27E+00	4,85E-02	1,88E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,12E+01	2,87E+00	7,82E-01	2,49E+01
	Used as raw materials	MJ, net calorific value	6,57E+00	2,56E-03	4,36E-02	6,62E+00
	Total	MJ, net calorific value	2,78E+01	2,87E+00	8,26E-01	3,15E+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	3,79E-02	1,39E-02	1,48E-03	5,33E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,05E-06	2,18E-09	3,15E-08	5,09E-06
Non-hazardous waste disposed	kg	3,80E-03	3,35E-03	9,64E-02	1,04E-01
Radioactive waste disposed	kg	1,81E-04	2,59E-04	5,87E-06	4,46E-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	2,88E-01	2,88E-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.	0,141	0,028	0,056	0,225
	Biogenic	kg CO_2 eq.	-0,091	0,000	0,030	-0,060
	Land use and land transformation	kg CO_2 eq.	0,00011	0,00017	0,00011	0,00039
	Total	kg CO_2 eq.	0,051	0,028	0,086	0,165
Acidification potential (AP)		kg SO_2 eq.	7,24E-04	9,43E-05	3,86E-05	8,57E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,61E-04	1,08E-05	3,32E-05	2,05E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,22E-04	4,85E-05	3,21E-05	6,02E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,43E-07	9,17E-09	6,62E-10	1,53E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,06E+00	3,51E-01	1,24E-01	3,54E+00
Water scarcity potential		m^3 eq.	3,74E+00	9,57E-03	6,64E-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	1,88E+00	2,02E-01	7,99E-03	2,09E+00
	Used as raw materials	MJ, net calorific value	9,40E-01	(N/A)	(N/A)	9,40E-01
	Total	MJ, net calorific value	2,82E+00	2,02E-01	7,99E-03	3,03E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,31E+00	4,55E-01	1,29E-01	3,90E+00
	Used as raw materials	MJ, net calorific value	8,71E-01	4,06E-04	6,98E-03	8,78E-01
	Total	MJ, net calorific value	4,18E+00	4,56E-01	1,36E-01	4,78E+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	6,40E-03	2,21E-03	2,39E-04	8,85E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,02E-06	3,45E-10	5,27E-09	1,02E-06
Non-hazardous waste disposed	kg	6,51E-04	5,32E-04	1,55E-02	1,67E-02
Radioactive waste disposed	kg	3,02E-05	4,11E-05	9,49E-07	7,23E-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	4,63E-02	4,63E-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.	0,564	0,112	0,222	0,898
	Biogenic	kg CO_2 eq.	-0,362	0,000	0,122	-0,241
	Land use and land transformation	kg CO_2 eq.	0,00045	0,00068	0,00043	0,00156
	Total	kg CO_2 eq.	0,202	0,113	0,344	0,659
Acidification potential (AP)		kg SO_2 eq.	2,90E-03	3,77E-04	1,54E-04	3,43E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	6,45E-04	4,31E-05	1,33E-04	8,21E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,09E-03	1,94E-04	1,28E-04	2,41E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	5,74E-07	3,67E-08	2,65E-09	6,13E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,22E+01	1,40E+00	4,96E-01	1,41E+01
Water scarcoty potential		m^3 eq.	1,50E+01	3,83E-02	2,66E-02	1,50E+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	7,54E+00	8,09E-01	3,20E-02	8,38E+00
	Used as raw materials	MJ, net calorific value	3,76E+00	(N/A)	(N/A)	3,76E+00
	Total	MJ, net calorific value	1,13E+01	8,09E-01	3,20E-02	1,21E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,33E+01	1,82E+00	5,18E-01	1,56E+01
	Used as raw materials	MJ, net calorific value	3,48E+00	1,63E-03	2,79E-02	3,51E+00
	Total	MJ, net calorific value	1,67E+01	1,82E+00	5,46E-01	1,91E+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	2,56E-02	8,84E-03	9,57E-04	3,54E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	4,07E-06	1,38E-09	2,11E-08	4,09E-06
Non-hazardous waste disposed	kg	2,60E-03	2,13E-03	6,21E-02	6,68E-02
Radioactive waste disposed	kg	1,21E-04	1,64E-04	3,79E-06	2,89E-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	1,85E-01	1,85E-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.	0,203	0,042	0,081	0,326
	Biogenic	kg CO_2 eq.	-0,134	0,000	0,045	-0,089
	Land use and land transformation	kg CO_2 eq.	0,00016	0,00025	0,00016	0,00057
	Total	kg CO_2 eq.	0,070	0,042	0,126	0,237
Acidification potential (AP)		kg SO_2 eq.	1,05E-03	1,40E-04	5,63E-05	1,24E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	2,37E-04	1,60E-05	4,88E-05	3,01E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	7,60E-04	7,20E-05	4,71E-05	8,79E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,15E-07	1,36E-08	1,07E-09	2,30E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,42E+00	5,22E-01	1,80E-01	5,12E+00
Water scarcity potential		m^3 eq.	5,44E+00	1,42E-02	9,83E-03	5,46E+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	2,74E+00	3,01E-01	1,16E-02	3,06E+00
	Used as raw materials	MJ, net calorific value	1,38E+00	(N/A)	(N/A)	1,38E+00
	Total	MJ, net calorific value	4,13E+00	3,01E-01	1,16E-02	4,44E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,78E+00	6,77E-01	1,87E-01	5,65E+00
	Used as raw materials	MJ, net calorific value	1,22E+00	6,04E-04	1,03E-02	1,23E+00
	Total	MJ, net calorific value	6,01E+00	6,77E-01	1,98E-01	6,88E+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	9,37E-03	3,28E-03	3,53E-04	1,30E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,32E-06	5,13E-10	7,57E-09	1,33E-06
Non-hazardous waste disposed	kg	9,28E-04	7,90E-04	2,30E-02	2,47E-02
Radioactive waste disposed	kg	4,32E-05	6,11E-05	1,40E-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	6,81E-02	6,81E-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

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,813	0,167	0,323	1,302
	Biogenic	kg CO_2 eq.	-0,534	0,000	0,180	-0,355
	Land use and land transformation	kg CO_2 eq.	0,00063	0,00101	0,00062	0,00226
	Total	kg CO_2 eq.	0,279	0,167	0,503	0,950
Acidification potential (AP)		kg SO_2 eq.	4,18E-03	5,61E-04	2,25E-04	4,97E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	9,46E-04	6,40E-05	1,95E-04	1,21E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,04E-03	2,88E-04	1,88E-04	3,52E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	8,60E-07	5,45E-08	4,27E-09	9,18E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,77E+01	2,09E+00	7,18E-01	2,05E+01
Water scarcoty potential		m^3 eq.	2,17E+01	5,69E-02	3,93E-02	2,18E+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	1,10E+01	1,20E+00	4,64E-02	1,22E+01
	Used as raw materials	MJ, net calorific value	5,53E+00	(N/A)	(N/A)	5,53E+00
	Total	MJ, net calorific value	1,65E+01	1,20E+00	4,64E-02	1,78E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,91E+01	2,71E+00	7,50E-01	2,26E+01
	Used as raw materials	MJ, net calorific value	4,88E+00	2,42E-03	4,12E-02	4,93E+00
	Total	MJ, net calorific value	2,40E+01	2,71E+00	7,91E-01	2,75E+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	3,75E-02	1,31E-02	1,41E-03	5,20E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,29E-06	2,05E-09	3,03E-08	5,32E-06
Non-hazardous waste disposed	kg	3,71E-03	3,16E-03	9,20E-02	9,88E-02
Radioactive waste disposed	kg	1,73E-04	2,44E-04	5,58E-06	4,23E-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	2,72E-01	2,72E-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.	0,250	0,051	0,099	0,400
	Biogenic	kg CO_2 eq.	-0,159	0,000	0,054	-0,105
	Land use and land transformation	kg CO_2 eq.	0,00019	0,00031	0,00019	0,00068
	Total	kg CO_2 eq.	0,092	0,051	0,153	0,296
Acidification potential (AP)		kg SO_2 eq.	1,28E-03	1,70E-04	6,79E-05	1,52E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	2,84E-04	1,94E-05	5,90E-05	3,62E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	9,21E-04	8,74E-05	5,69E-05	1,07E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,48E-07	1,65E-08	1,18E-09	2,65E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	5,55E+00	6,33E-01	2,16E-01	6,40E+00
Water scarcity potential		m^3 eq.	7,02E+00	1,72E-02	1,19E-02	7,05E+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	3,27E+00	3,65E-01	1,40E-02	3,65E+00
	Used as raw materials	MJ, net calorific value	1,65E+00	(N/A)	(N/A)	1,65E+00
	Total	MJ, net calorific value	4,92E+00	3,65E-01	1,40E-02	5,30E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	6,01E+00	8,21E-01	2,26E-01	7,06E+00
	Used as raw materials	MJ, net calorific value	1,70E+00	7,33E-04	1,24E-02	1,72E+00
	Total	MJ, net calorific value	7,71E+00	8,22E-01	2,38E-01	8,77E+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	1,12E-02	3,98E-03	4,29E-04	1,56E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,72E-06	6,22E-10	9,10E-09	1,73E-06
Non-hazardous waste disposed	kg	1,08E-03	9,58E-04	2,80E-02	3,01E-02
Radioactive waste disposed	kg	5,21E-05	7,41E-05	1,69E-06	1,28E-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	8,13E-02	8,13E-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.	1,002	0,202	0,395	1,599
	Biogenic	kg CO_2 eq.	-0,636	0,000	0,217	-0,420
	Land use and land transformation	kg CO_2 eq.	0,00076	0,00122	0,00075	0,00274
	Total	kg CO_2 eq.	0,367	0,203	0,613	1,182
Acidification potential (AP)		kg SO_2 eq.	5,13E-03	6,80E-04	2,71E-04	6,08E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	1,13E-03	7,77E-05	2,36E-04	1,45E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,68E-03	3,50E-04	2,28E-04	4,26E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	9,91E-07	6,61E-08	4,72E-09	1,06E-06
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,22E+01	2,53E+00	8,66E-01	2,56E+01
Water scarcoty potential		m^3 eq.	2,81E+01	6,90E-02	4,77E-02	2,82E+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	1,31E+01	1,46E+00	5,59E-02	1,46E+01
	Used as raw materials	MJ, net calorific value	6,59E+00	(N/A)	(N/A)	6,59E+00
	Total	MJ, net calorific value	1,97E+01	1,46E+00	5,59E-02	2,12E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,40E+01	3,28E+00	9,04E-01	2,82E+01
	Used as raw materials	MJ, net calorific value	6,81E+00	2,93E-03	4,97E-02	6,86E+00
	Total	MJ, net calorific value	3,08E+01	3,29E+00	9,53E-01	3,51E+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	4,48E-02	1,59E-02	1,71E-03	6,25E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,87E-06	2,49E-09	3,64E-08	6,91E-06
Non-hazardous waste disposed	kg	4,34E-03	3,83E-03	1,12E-01	1,20E-01
Radioactive waste disposed	kg	2,09E-04	2,96E-04	6,77E-06	5,12E-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	3,25E-01	3,25E-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 Slip Maxi XL 711026

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,258	0,051	0,100	0,410
	Biogenic	kg CO_2 eq.	-0,154	0,000	0,052	-0,103
	Land use and land transformation	kg CO_2 eq.	0,00019	0,00031	0,00019	0,00069
	Total	kg CO_2 eq.	0,104	0,052	0,152	0,308
Acidification potential (AP)		kg SO_2 eq.	1,29E-03	1,73E-04	6,86E-05	1,53E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	2,91E-04	1,98E-05	5,76E-05	3,68E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	9,40E-04	8,90E-05	5,61E-05	1,08E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,70E-07	1,68E-08	1,45E-09	2,88E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	5,75E+00	6,45E-01	2,21E-01	6,61E+00
Water scarcity potential		m^3 eq.	7,00E+00	1,76E-02	1,27E-02	7,03E+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	3,18E+00	3,71E-01	1,44E-02	3,57E+00
	Used as raw materials	MJ, net calorific value	1,60E+00	(N/A)	(N/A)	1,60E+00
	Total	MJ, net calorific value	4,78E+00	3,71E-01	1,44E-02	5,17E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	6,22E+00	8,36E-01	2,30E-01	7,28E+00
	Used as raw materials	MJ, net calorific value	1,67E+00	7,46E-04	1,18E-02	1,68E+00
	Total	MJ, net calorific value	7,88E+00	8,37E-01	2,42E-01	8,96E+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	1,16E-02	4,05E-03	4,56E-04	1,62E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,36E-06	6,34E-10	9,19E-09	1,37E-06
Non-hazardous waste disposed	kg	1,10E-03	9,76E-04	3,15E-02	3,36E-02
Radioactive waste disposed	kg	5,43E-05	7,55E-05	1,76E-06	1,32E-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	8,42E-02	8,42E-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 Slip Maxi XL 711026

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	1,033	0,206	0,402	1,641
	Biogenic	kg CO_2 eq.	-0,618	0,000	0,206	-0,412
	Land use and land transformation	kg CO_2 eq.	0,00076	0,00125	0,00076	0,00277
	Total	kg CO_2 eq.	0,416	0,207	0,609	1,232
Acidification potential (AP)		kg SO_2 eq.	5,16E-03	6,93E-04	2,74E-04	6,13E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	1,16E-03	7,91E-05	2,30E-04	1,47E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,76E-03	3,56E-04	2,24E-04	4,34E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,08E-06	6,73E-08	5,78E-09	1,15E-06
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,30E+01	2,58E+00	8,83E-01	2,64E+01
Water scarcoty potential		m^3 eq.	2,80E+01	7,03E-02	5,08E-02	2,81E+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	1,27E+01	1,49E+00	5,75E-02	1,43E+01
	Used as raw materials	MJ, net calorific value	6,40E+00	(N/A)	(N/A)	6,40E+00
	Total	MJ, net calorific value	1,91E+01	1,49E+00	5,75E-02	2,07E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,49E+01	3,34E+00	9,21E-01	2,91E+01
	Used as raw materials	MJ, net calorific value	6,67E+00	2,98E-03	4,73E-02	6,72E+00
	Total	MJ, net calorific value	3,15E+01	3,35E+00	9,68E-01	3,59E+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	4,66E-02	1,62E-02	1,82E-03	6,46E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,44E-06	2,54E-09	3,68E-08	5,47E-06
Non-hazardous waste disposed	kg	4,38E-03	3,90E-03	1,26E-01	1,34E-01
Radioactive waste disposed	kg	2,17E-04	3,02E-04	7,05E-06	5,26E-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	3,37E-01	3,37E-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 Slip Original Plus S 211426

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,116	0,022	0,045	0,184
	Biogenic	kg CO_2 eq.	-0,069	0,000	0,023	-0,046
	Land use and land transformation	kg CO_2 eq.	0,00009	0,00014	0,00009	0,00031
	Total	kg CO_2 eq.	0,047	0,022	0,069	0,138
Acidification potential (AP)		kg SO_2 eq.	6,00E-04	7,50E-05	3,06E-05	7,05E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,26E-04	8,57E-06	2,58E-05	1,60E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,20E-04	3,86E-05	2,51E-05	4,84E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,03E-07	7,29E-09	1,56E-10	1,10E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,63E+00	2,79E-01	9,92E-02	3,01E+00
Water scarcity potential		m^3 eq.	3,25E+00	7,61E-03	5,36E-03	3,27E+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	1,44E+00	1,61E-01	6,37E-03	1,61E+00
	Used as raw materials	MJ, net calorific value	7,14E-01	(N/A)	(N/A)	7,14E-01
	Total	MJ, net calorific value	2,16E+00	1,61E-01	6,37E-03	2,32E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,85E+00	3,62E-01	1,03E-01	3,31E+00
	Used as raw materials	MJ, net calorific value	9,25E-01	3,23E-04	5,34E-03	9,31E-01
	Total	MJ, net calorific value	3,77E+00	3,62E-01	1,09E-01	4,24E+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	5,06E-03	1,76E-03	1,93E-04	7,01E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,32E-06	2,75E-10	4,20E-09	1,33E-06
Non-hazardous waste disposed	kg	4,54E-04	4,23E-04	1,29E-02	1,38E-02
Radioactive waste disposed	kg	2,33E-05	3,27E-05	7,62E-07	5,68E-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	3,66E-02	3,66E-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 Slip Original Plus S 211426

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,464	0,089	0,182	0,735
	Biogenic	kg CO_2 eq.	-0,275	0,000	0,093	-0,182
	Land use and land transformation	kg CO_2 eq.	0,00035	0,00054	0,00035	0,00124
	Total	kg CO_2 eq.	0,189	0,090	0,275	0,554
Acidification potential (AP)		kg SO_2 eq.	2,40E-03	3,00E-04	1,22E-04	2,82E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	5,03E-04	3,43E-05	1,03E-04	6,40E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,68E-03	1,54E-04	1,01E-04	1,94E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,11E-07	2,92E-08	6,26E-10	4,41E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,05E+01	1,12E+00	3,97E-01	1,20E+01
Water scarcoty potential		m^3 eq.	1,30E+01	3,04E-02	2,14E-02	1,31E+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	5,77E+00	6,44E-01	2,55E-02	6,44E+00
	Used as raw materials	MJ, net calorific value	2,86E+00	(N/A)	(N/A)	2,86E+00
	Total	MJ, net calorific value	8,62E+00	6,44E-01	2,55E-02	9,29E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,14E+01	1,45E+00	4,13E-01	1,33E+01
	Used as raw materials	MJ, net calorific value	3,70E+00	1,29E-03	2,14E-02	3,72E+00
	Total	MJ, net calorific value	1,51E+01	1,45E+00	4,35E-01	1,70E+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	2,02E-02	7,03E-03	7,71E-04	2,80E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,29E-06	1,10E-09	1,68E-08	5,31E-06
Non-hazardous waste disposed	kg	1,82E-03	1,69E-03	5,16E-02	5,51E-02
Radioactive waste disposed	kg	9,33E-05	1,31E-04	3,05E-06	2,27E-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	1,46E-01	1,46E-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 Slip Original Plus M 212130

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,124	0,026	0,053	0,204
	Biogenic	kg CO_2 eq.	-0,095	0,000	0,032	-0,063
	Land use and land transformation	kg CO_2 eq.	0,00010	0,00016	0,00010	0,00037
	Total	kg CO_2 eq.	0,030	0,027	0,085	0,141
Acidification potential (AP)		kg SO_2 eq.	6,97E-04	8,91E-05	3,62E-05	8,22E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,47E-04	1,02E-05	3,33E-05	1,91E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,81E-04	4,58E-05	3,16E-05	5,59E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,13E-07	8,66E-09	5,86E-10	1,22E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,67E+00	3,32E-01	1,14E-01	3,11E+00
Water scarcity potential		m^3 eq.	3,72E+00	9,04E-03	5,67E-03	3,73E+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	1,94E+00	1,91E-01	7,28E-03	2,14E+00
	Used as raw materials	MJ, net calorific value	9,81E-01	(N/A)	(N/A)	9,81E-01
	Total	MJ, net calorific value	2,92E+00	1,91E-01	7,28E-03	3,12E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,91E+00	4,30E-01	1,19E-01	3,46E+00
	Used as raw materials	MJ, net calorific value	9,02E-01	3,84E-04	7,30E-03	9,09E-01
	Total	MJ, net calorific value	3,81E+00	4,31E-01	1,27E-01	4,37E+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	5,48E-03	2,09E-03	2,05E-04	7,77E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	8,41E-07	3,26E-10	4,93E-09	8,46E-07
Non-hazardous waste disposed	kg	5,58E-04	5,02E-04	1,16E-02	1,26E-02
Radioactive waste disposed	kg	2,55E-05	3,88E-05	8,43E-07	6,52E-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	4,33E-02	4,33E-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

15. TENA Slip Original Plus M 212130

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,497	0,106	0,211	0,814
	Biogenic	kg CO_2 eq.	-0,379	0,000	0,128	-0,251
	Land use and land transformation	kg CO_2 eq.	0,00042	0,00064	0,00041	0,00146
	Total	kg CO_2 eq.	0,119	0,106	0,339	0,564
Acidification potential (AP)		kg SO_2 eq.	2,79E-03	3,56E-04	1,45E-04	3,29E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	5,90E-04	4,07E-05	1,33E-04	7,64E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,93E-03	1,83E-04	1,26E-04	2,23E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,51E-07	3,46E-08	2,34E-09	4,88E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,07E+01	1,33E+00	4,56E-01	1,25E+01
Water scarcoty potential		m^3 eq.	1,49E+01	3,62E-02	2,27E-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 calorofic value	7,75E+00	7,64E-01	2,91E-02	8,54E+00
	Used as raw materials	MJ, net calorofic value	3,92E+00	(N/A)	(N/A)	3,92E+00
	Total	MJ, net calorofic value	1,17E+01	7,64E-01	2,91E-02	1,25E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,16E+01	1,72E+00	4,77E-01	1,38E+01
	Used as raw materials	MJ, net calorofic value	3,61E+00	1,54E-03	2,92E-02	3,64E+00
	Total	MJ, net calorofic value	1,52E+01	1,72E+00	5,06E-01	1,75E+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	2,19E-02	8,35E-03	8,19E-04	3,11E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	3,36E-06	1,30E-09	1,97E-08	3,38E-06
Non-hazardous waste disposed	kg	2,23E-03	2,01E-03	4,62E-02	5,05E-02
Radioactive waste disposed	kg	1,02E-04	1,55E-04	3,37E-06	2,61E-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	1,73E-01	1,73E-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 Slip Original Plus L 212230

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,155	0,032	0,064	0,251
	Biogenic	kg CO_2 eq.	-0,107	0,000	0,036	-0,070
	Land use and land transformation	kg CO_2 eq.	0,00012	0,00019	0,00012	0,00044
	Total	kg CO_2 eq.	0,049	0,032	0,100	0,181
Acidification potential (AP)		kg SO_2 eq.	8,34E-04	1,07E-04	4,33E-05	9,84E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,78E-04	1,23E-05	3,87E-05	2,29E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,81E-04	5,52E-05	3,70E-05	6,74E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,42E-07	1,04E-08	8,78E-10	1,54E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,41E+00	4,00E-01	1,38E-01	3,94E+00
Water scarcity potential		m^3 eq.	4,63E+00	1,09E-02	7,16E-03	4,65E+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	2,19E+00	2,30E-01	8,85E-03	2,43E+00
	Used as raw materials	MJ, net calorific value	1,10E+00	(N/A)	(N/A)	1,10E+00
	Total	MJ, net calorific value	3,30E+00	2,30E-01	8,85E-03	3,54E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,71E+00	5,18E-01	1,44E-01	4,37E+00
	Used as raw materials	MJ, net calorific value	1,15E+00	4,63E-04	8,32E-03	1,16E+00
	Total	MJ, net calorific value	4,86E+00	5,19E-01	1,52E-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	6,71E-03	2,51E-03	2,58E-04	9,49E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	7,91E-07	3,93E-10	5,89E-09	7,98E-07
Non-hazardous waste disposed	kg	6,53E-04	6,05E-04	1,57E-02	1,69E-02
Radioactive waste disposed	kg	3,20E-05	4,68E-05	1,04E-06	7,98E-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	5,16E-02	5,16E-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 Slip Original Plus L 212230

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	0,128	0,254	1,003
	Biogenic	kg CO_2 eq.	-0,427	0,000	0,145	-0,282
	Land use and land transformation	kg CO_2 eq.	0,00049	0,00077	0,00048	0,00175
	Total	kg CO_2 eq.	0,195	0,128	0,400	0,723
Acidification potential (AP)		kg SO_2 eq.	3,34E-03	4,30E-04	1,73E-04	3,94E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	7,13E-04	4,91E-05	1,55E-04	9,16E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,33E-03	2,21E-04	1,48E-04	2,69E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	5,69E-07	4,18E-08	3,51E-09	6,14E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,36E+01	1,60E+00	5,51E-01	1,58E+01
Water scarcoty potential		m^3 eq.	1,85E+01	4,36E-02	2,86E-02	1,86E+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	8,77E+00	9,21E-01	3,54E-02	9,73E+00
	Used as raw materials	MJ, net calorific value	4,42E+00	(N/A)	(N/A)	4,42E+00
	Total	MJ, net calorific value	1,32E+01	9,21E-01	3,54E-02	1,41E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,48E+01	2,07E+00	5,75E-01	1,75E+01
	Used as raw materials	MJ, net calorific value	4,61E+00	1,85E-03	3,33E-02	4,65E+00
	Total	MJ, net calorific value	1,94E+01	2,08E+00	6,08E-01	2,21E+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	2,69E-02	1,01E-02	1,03E-03	3,79E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	3,17E-06	1,57E-09	2,36E-08	3,19E-06
Non-hazardous waste disposed	kg	2,61E-03	2,42E-03	6,28E-02	6,78E-02
Radioactive waste disposed	kg	1,28E-04	1,87E-04	4,16E-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	2,06E-01	2,06E-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

17. TENA Slip Original Plus XL 212106

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,182	0,036	0,073	0,290
	Biogenic	kg CO_2 eq.	-0,115	0,000	0,039	-0,076
	Land use and land transformation	kg CO_2 eq.	0,00014	0,00022	0,00013	0,00049
	Total	kg CO_2 eq.	0,067	0,036	0,111	0,215
Acidification potential (AP)		kg SO_2 eq.	9,43E-04	1,21E-04	4,80E-05	1,11E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	1,97E-04	1,38E-05	4,20E-05	2,53E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	6,58E-04	6,22E-05	4,05E-05	7,61E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,54E-07	1,18E-08	7,99E-10	1,67E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	4,08E+00	4,51E-01	1,54E-01	4,69E+00
Water scarcity potential		m^3 eq.	5,47E+00	1,23E-02	8,29E-03	5,50E+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	2,37E+00	2,60E-01	9,92E-03	2,64E+00
	Used as raw materials	MJ, net calorofic value	1,19E+00	(N/A)	(N/A)	1,19E+00
	Total	MJ, net calorofic value	3,56E+00	2,60E-01	9,92E-03	3,83E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	4,43E+00	5,85E-01	1,60E-01	5,17E+00
	Used as raw materials	MJ, net calorofic value	1,44E+00	5,22E-04	8,90E-03	1,45E+00
	Total	MJ, net calorofic value	5,87E+00	5,85E-01	1,69E-01	6,62E+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	7,62E-03	2,84E-03	2,99E-04	1,08E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,12E-06	4,43E-10	6,51E-09	1,13E-06
Non-hazardous waste disposed	kg	7,76E-04	6,83E-04	1,92E-02	2,07E-02
Radioactive waste disposed	kg	3,76E-05	5,28E-05	1,19E-06	9,15E-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	5,82E-02	5,82E-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

17. TENA Slip Original Plus XL 212106

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,728	0,144	0,290	1,162
	Biogenic	kg CO_2 eq.	-0,458	0,000	0,155	-0,303
	Land use and land transformation	kg CO_2 eq.	0,00056	0,00087	0,00054	0,00197
	Total	kg CO_2 eq.	0,270	0,145	0,446	0,860
Acidification potential (AP)		kg SO_2 eq.	3,77E-03	4,84E-04	1,92E-04	4,45E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	7,88E-04	5,53E-05	1,68E-04	1,01E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,63E-03	2,49E-04	1,62E-04	3,04E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,17E-07	4,71E-08	3,20E-09	6,67E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,63E+01	1,80E+00	6,15E-01	1,87E+01
Water scarcoty potential		m^3 eq.	2,19E+01	4,91E-02	3,32E-02	2,20E+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	9,48E+00	1,04E+00	3,97E-02	1,06E+01
	Used as raw materials	MJ, net calorofic value	4,75E+00	(N/A)	(N/A)	4,75E+00
	Total	MJ, net calorofic value	1,42E+01	1,04E+00	3,97E-02	1,53E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,77E+01	2,34E+00	6,42E-01	2,07E+01
	Used as raw materials	MJ, net calorofic value	5,76E+00	2,09E-03	3,56E-02	5,80E+00
	Total	MJ, net calorofic value	2,35E+01	2,34E+00	6,78E-01	2,65E+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	3,05E-02	1,13E-02	1,19E-03	4,30E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	4,50E-06	1,77E-09	2,60E-08	4,53E-06
Non-hazardous waste disposed	kg	3,11E-03	2,73E-03	7,69E-02	8,27E-02
Radioactive waste disposed	kg	1,50E-04	2,11E-04	4,75E-06	3,66E-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	2,33E-01	2,33E-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 Slip Original Super M 212330

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,138	0,030	0,058	0,225
	Biogenic	kg CO_2 eq.	-0,104	0,000	0,035	-0,069
	Land use and land transformation	kg CO_2 eq.	0,00011	0,00018	0,00011	0,00041
	Total	kg CO_2 eq.	0,034	0,030	0,093	0,156
Acidification potential (AP)		kg SO_2 eq.	7,62E-04	9,98E-05	4,02E-05	9,02E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,66E-04	1,14E-05	3,66E-05	2,14E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,36E-04	5,13E-05	3,49E-05	6,22E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,36E-07	9,70E-09	7,26E-10	1,47E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,94E+00	3,72E-01	1,27E-01	3,44E+00
Water scarcity potential		m^3 eq.	3,95E+00	1,01E-02	6,49E-03	3,97E+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	2,12E+00	2,14E-01	8,12E-03	2,34E+00
	Used as raw materials	MJ, net calorific value	1,08E+00	(N/A)	(N/A)	1,08E+00
	Total	MJ, net calorific value	3,20E+00	2,14E-01	8,12E-03	3,42E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,20E+00	4,82E-01	1,33E-01	3,81E+00
	Used as raw materials	MJ, net calorific value	9,06E-01	4,30E-04	7,98E-03	9,15E-01
	Total	MJ, net calorific value	4,10E+00	4,82E-01	1,41E-01	4,73E+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	6,26E-03	2,34E-03	2,34E-04	8,83E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	8,68E-07	3,65E-10	5,45E-09	8,74E-07
Non-hazardous waste disposed	kg	6,24E-04	5,62E-04	1,37E-02	1,49E-02
Radioactive waste disposed	kg	2,86E-05	4,35E-05	9,52E-07	7,30E-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	4,87E-02	4,87E-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 Slip Original Super M 212330

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,550	0,119	0,232	0,901
	Biogenic	kg CO_2 eq.	-0,416	0,000	0,139	-0,277
	Land use and land transformation	kg CO_2 eq.	0,00045	0,00072	0,00045	0,00162
	Total	kg CO_2 eq.	0,135	0,119	0,372	0,626
Acidification potential (AP)		kg SO_2 eq.	3,05E-03	3,99E-04	1,61E-04	3,61E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	6,64E-04	4,56E-05	1,47E-04	8,56E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,14E-03	2,05E-04	1,39E-04	2,49E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	5,45E-07	3,88E-08	2,90E-09	5,87E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,18E+01	1,49E+00	5,08E-01	1,38E+01
Water scarcoty potential		m^3 eq.	1,58E+01	4,05E-02	2,60E-02	1,59E+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	8,49E+00	8,56E-01	3,25E-02	9,37E+00
	Used as raw materials	MJ, net calorofic value	4,31E+00	(N/A)	(N/A)	4,31E+00
	Total	MJ, net calorofic value	1,28E+01	8,56E-01	3,25E-02	1,37E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,28E+01	1,93E+00	5,31E-01	1,53E+01
	Used as raw materials	MJ, net calorofic value	3,63E+00	1,72E-03	3,19E-02	3,66E+00
	Total	MJ, net calorofic value	1,64E+01	1,93E+00	5,63E-01	1,89E+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	2,51E-02	9,35E-03	9,36E-04	3,53E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	3,47E-06	1,46E-09	2,18E-08	3,50E-06
Non-hazardous waste disposed	kg	2,50E-03	2,25E-03	5,47E-02	5,95E-02
Radioactive waste disposed	kg	1,14E-04	1,74E-04	3,81E-06	2,92E-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	1,95E-01	1,95E-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 Slip Original Super L 212430

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,165	0,035	0,069	0,269
	Biogenic	kg CO_2 eq.	-0,119	0,000	0,040	-0,079
	Land use and land transformation	kg CO_2 eq.	0,00013	0,00021	0,00013	0,00048
	Total	kg CO_2 eq.	0,046	0,035	0,109	0,190
Acidification potential (AP)		kg SO_2 eq.	9,00E-04	1,18E-04	4,71E-05	1,06E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	1,95E-04	1,34E-05	4,27E-05	2,51E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	6,30E-04	6,04E-05	4,07E-05	7,32E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,58E-07	1,14E-08	1,00E-09	1,70E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,58E+00	4,38E-01	1,49E-01	4,16E+00
Water scarcity potential		m^3 eq.	4,88E+00	1,19E-02	7,73E-03	4,90E+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	2,44E+00	2,52E-01	9,56E-03	2,70E+00
	Used as raw materials	MJ, net calorific value	1,24E+00	(N/A)	(N/A)	1,24E+00
	Total	MJ, net calorific value	3,68E+00	2,52E-01	9,56E-03	3,94E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,89E+00	5,67E-01	1,56E-01	4,62E+00
	Used as raw materials	MJ, net calorific value	1,16E+00	5,06E-04	9,25E-03	1,17E+00
	Total	MJ, net calorific value	5,05E+00	5,68E-01	1,65E-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	7,31E-03	2,75E-03	2,78E-04	1,03E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	8,03E-07	4,30E-10	6,37E-09	8,10E-07
Non-hazardous waste disposed	kg	7,20E-04	6,62E-04	1,66E-02	1,80E-02
Radioactive waste disposed	kg	3,41E-05	5,12E-05	1,13E-06	8,65E-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	5,67E-02	5,67E-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 Slip Original Super L 212430

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,661	0,140	0,275	1,075
	Biogenic	kg CO_2 eq.	-0,478	0,000	0,162	-0,317
	Land use and land transformation	kg CO_2 eq.	0,00053	0,00085	0,00052	0,00190
	Total	kg CO_2 eq.	0,184	0,140	0,437	0,761
Acidification potential (AP)		kg SO_2 eq.	3,60E-03	4,70E-04	1,89E-04	4,26E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	7,79E-04	5,37E-05	1,71E-04	1,00E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,52E-03	2,42E-04	1,63E-04	2,93E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,32E-07	4,57E-08	4,01E-09	6,82E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,43E+01	1,75E+00	5,96E-01	1,67E+01
Water scarcoty potential		m^3 eq.	1,95E+01	4,77E-02	3,09E-02	1,96E+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	9,76E+00	1,01E+00	3,83E-02	1,08E+01
	Used as raw materials	MJ, net calorific value	4,95E+00	(N/A)	(N/A)	4,95E+00
	Total	MJ, net calorific value	1,47E+01	1,01E+00	3,83E-02	1,58E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,56E+01	2,27E+00	6,23E-01	1,85E+01
	Used as raw materials	MJ, net calorific value	4,62E+00	2,03E-03	3,70E-02	4,66E+00
	Total	MJ, net calorific value	2,02E+01	2,27E+00	6,60E-01	2,31E+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	2,92E-02	1,10E-02	1,11E-03	4,13E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	3,21E-06	1,72E-09	2,55E-08	3,24E-06
Non-hazardous waste disposed	kg	2,88E-03	2,65E-03	6,64E-02	7,19E-02
Radioactive waste disposed	kg	1,37E-04	2,05E-04	4,50E-06	3,46E-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	2,27E-01	2,27E-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 Slip Original Maxi M 212024

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,193	0,042	0,073	0,308
	Biogenic	kg CO_2 eq.	-0,135	0,000	0,044	-0,090
	Land use and land transformation	kg CO_2 eq.	0,00015	0,00025	0,00004	0,00044
	Total	kg CO_2 eq.	0,059	0,042	0,117	0,218
Acidification potential (AP)		kg SO_2 eq.	1,03E-03	1,41E-04	3,55E-05	1,21E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	2,27E-04	1,61E-05	4,43E-05	2,88E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	7,45E-04	7,23E-05	4,13E-05	8,58E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,06E-07	1,37E-08	4,88E-10	2,20E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,27E+00	5,24E-01	8,02E-02	4,88E+00
Water scarcity potential		m^3 eq.	5,48E+00	1,43E-02	9,56E-03	5,51E+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	2,70E+00	3,02E-01	5,79E-03	3,01E+00
	Used as raw materials	MJ, net calorific value	1,39E+00	(N/A)	(N/A)	1,39E+00
	Total	MJ, net calorific value	4,09E+00	3,02E-01	5,79E-03	4,40E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,63E+00	6,79E-01	8,76E-02	5,40E+00
	Used as raw materials	MJ, net calorific value	1,27E+00	6,06E-04	1,01E-02	1,28E+00
	Total	MJ, net calorific value	5,90E+00	6,80E-01	9,77E-02	6,68E+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	9,03E-03	3,29E-03	3,31E-04	1,27E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,33E-06	5,15E-10	2,03E-09	1,34E-06
Non-hazardous waste disposed	kg	8,37E-04	7,93E-04	2,27E-02	2,43E-02
Radioactive waste disposed	kg	3,87E-05	6,13E-05	1,25E-06	1,01E-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	6,83E-02	6,83E-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 Slip Original Maxi M 212024

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,774	0,167	0,291	1,232
	Biogenic	kg CO_2 eq.	-0,539	0,000	0,177	-0,362
	Land use and land transformation	kg CO_2 eq.	0,00059	0,00101	0,00017	0,00177
	Total	kg CO_2 eq.	0,235	0,168	0,469	0,872
Acidification potential (AP)		kg SO_2 eq.	4,13E-03	5,63E-04	1,42E-04	4,84E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	9,10E-04	6,43E-05	1,77E-04	1,15E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,98E-03	2,89E-04	1,65E-04	3,43E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	8,23E-07	5,47E-08	1,95E-09	8,79E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,71E+01	2,10E+00	3,21E-01	1,95E+01
Water scarcoty potential		m^3 eq.	2,19E+01	5,71E-02	3,82E-02	2,20E+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	1,08E+01	1,21E+00	2,32E-02	1,20E+01
	Used as raw materials	MJ, net calorofic value	5,56E+00	(N/A)	(N/A)	5,56E+00
	Total	MJ, net calorofic value	1,64E+01	1,21E+00	2,32E-02	1,76E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,85E+01	2,72E+00	3,50E-01	2,16E+01
	Used as raw materials	MJ, net calorofic value	5,08E+00	2,42E-03	4,06E-02	5,13E+00
	Total	MJ, net calorofic value	2,36E+01	2,72E+00	3,91E-01	2,67E+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	3,61E-02	1,32E-02	1,33E-03	5,06E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,33E-06	2,06E-09	8,14E-09	5,34E-06
Non-hazardous waste disposed	kg	3,35E-03	3,17E-03	9,08E-02	9,73E-02
Radioactive waste disposed	kg	1,55E-04	2,45E-04	4,98E-06	4,05E-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	2,73E-01	2,73E-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 Slip Original Maxi L 212124

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,248	0,050	0,098	0,397
	Biogenic	kg CO_2 eq.	-0,155	0,000	0,053	-0,102
	Land use and land transformation	kg CO_2 eq.	0,00019	0,00030	0,00019	0,00068
	Total	kg CO_2 eq.	0,094	0,050	0,151	0,295
Acidification potential (AP)		kg SO_2 eq.	1,28E-03	1,69E-04	6,72E-05	1,52E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	2,80E-04	1,93E-05	5,79E-05	3,57E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	9,12E-04	8,67E-05	5,61E-05	1,06E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,42E-07	1,64E-08	9,05E-10	2,60E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	5,58E+00	6,28E-01	2,15E-01	6,42E+00
Water scarcity potential		m^3 eq.	7,04E+00	1,71E-02	1,19E-02	7,07E+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	3,19E+00	3,62E-01	1,39E-02	3,57E+00
	Used as raw materials	MJ, net calorific value	1,61E+00	(N/A)	(N/A)	1,61E+00
	Total	MJ, net calorific value	4,80E+00	3,62E-01	1,39E-02	5,17E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	6,04E+00	8,15E-01	2,24E-01	7,08E+00
	Used as raw materials	MJ, net calorific value	1,81E+00	7,27E-04	1,21E-02	1,83E+00
	Total	MJ, net calorific value	7,85E+00	8,15E-01	2,36E-01	8,90E+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	1,11E-02	3,95E-03	4,26E-04	1,55E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	2,09E-06	6,18E-10	9,04E-09	2,10E-06
Non-hazardous waste disposed	kg	9,97E-04	9,51E-04	2,81E-02	3,01E-02
Radioactive waste disposed	kg	5,07E-05	7,36E-05	1,68E-06	1,26E-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	8,06E-02	8,06E-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 Slip Original Maxi L 212124

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,993	0,201	0,393	1,587
	Biogenic	kg CO_2 eq.	-0,620	0,000	0,212	-0,409
	Land use and land transformation	kg CO_2 eq.	0,00074	0,00122	0,00074	0,00270
	Total	kg CO_2 eq.	0,374	0,201	0,606	1,181
Acidification potential (AP)		kg SO_2 eq.	5,12E-03	6,75E-04	2,69E-04	6,07E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	1,12E-03	7,71E-05	2,32E-04	1,43E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,65E-03	3,47E-04	2,24E-04	4,22E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	9,69E-07	6,56E-08	3,62E-09	1,04E-06
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	2,23E+01	2,51E+00	8,60E-01	2,57E+01
Water scarcoty potential		m^3 eq.	2,82E+01	6,85E-02	4,75E-02	2,83E+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	1,28E+01	1,45E+00	5,55E-02	1,43E+01
	Used as raw materials	MJ, net calorofic value	6,42E+00	(N/A)	(N/A)	6,42E+00
	Total	MJ, net calorofic value	1,92E+01	1,45E+00	5,55E-02	2,07E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	2,42E+01	3,26E+00	8,97E-01	2,83E+01
	Used as raw materials	MJ, net calorofic value	7,25E+00	2,91E-03	4,85E-02	7,30E+00
	Total	MJ, net calorofic value	3,14E+01	3,26E+00	9,46E-01	3,56E+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	4,45E-02	1,58E-02	1,71E-03	6,20E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	8,37E-06	2,47E-09	3,62E-08	8,41E-06
Non-hazardous waste disposed	kg	3,99E-03	3,80E-03	1,13E-01	1,20E-01
Radioactive waste disposed	kg	2,03E-04	2,94E-04	6,72E-06	5,04E-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	3,22E-01	3,22E-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

22. TENA Slip Basic Plus M 211450

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,124	0,025	0,051	0,200
	Biogenic	kg CO_2 eq.	-0,084	0,000	0,028	-0,056
	Land use and land transformation	kg CO_2 eq.	0,00010	0,00015	0,00010	0,00035
	Total	kg CO_2 eq.	0,040	0,026	0,079	0,144
Acidification potential (AP)		kg SO_2 eq.	6,67E-04	8,58E-05	3,42E-05	7,87E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,41E-04	9,80E-06	3,03E-05	1,81E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,66E-04	4,41E-05	2,91E-05	5,39E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,16E-07	8,34E-09	5,32E-10	1,25E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,73E+00	3,20E-01	1,09E-01	3,15E+00
Water scarcity potential		m^3 eq.	3,60E+00	8,71E-03	5,75E-03	3,61E+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	1,73E+00	1,84E-01	6,98E-03	1,93E+00
	Used as raw materials	MJ, net calorific value	8,74E-01	(N/A)	(N/A)	8,74E-01
	Total	MJ, net calorific value	2,61E+00	1,84E-01	6,98E-03	2,80E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,96E+00	4,14E-01	1,13E-01	3,49E+00
	Used as raw materials	MJ, net calorific value	9,18E-01	3,70E-04	6,49E-03	9,25E-01
	Total	MJ, net calorific value	3,88E+00	4,15E-01	1,20E-01	4,42E+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	5,46E-03	2,01E-03	2,07E-04	7,68E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	8,63E-07	3,14E-10	4,62E-09	8,67E-07
Non-hazardous waste disposed	kg	5,26E-04	4,84E-04	1,29E-02	1,39E-02
Radioactive waste disposed	kg	2,54E-05	3,74E-05	8,30E-07	6,37E-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	4,17E-02	4,17E-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 Slip Basic Plus M 211450

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,496	0,102	0,202	0,800
	Biogenic	kg CO_2 eq.	-0,338	0,000	0,113	-0,224
	Land use and land transformation	kg CO_2 eq.	0,00039	0,00062	0,00038	0,00139
	Total	kg CO_2 eq.	0,159	0,102	0,316	0,577
Acidification potential (AP)		kg SO_2 eq.	2,67E-03	3,43E-04	1,37E-04	3,15E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	5,64E-04	3,92E-05	1,21E-04	7,24E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,86E-03	1,76E-04	1,16E-04	2,16E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,63E-07	3,34E-08	2,13E-09	4,99E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,09E+01	1,28E+00	4,35E-01	1,26E+01
Water scarcoty potential		m^3 eq.	1,44E+01	3,48E-02	2,30E-02	1,44E+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	6,94E+00	7,36E-01	2,79E-02	7,70E+00
	Used as raw materials	MJ, net calorific value	3,49E+00	(N/A)	(N/A)	3,49E+00
	Total	MJ, net calorific value	1,04E+01	7,36E-01	2,79E-02	1,12E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,19E+01	1,66E+00	4,54E-01	1,40E+01
	Used as raw materials	MJ, net calorific value	3,67E+00	1,48E-03	2,60E-02	3,70E+00
	Total	MJ, net calorific value	1,55E+01	1,66E+00	4,80E-01	1,77E+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	2,18E-02	8,04E-03	8,28E-04	3,07E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	3,45E-06	1,26E-09	1,85E-08	3,47E-06
Non-hazardous waste disposed	kg	2,10E-03	1,93E-03	5,14E-02	5,55E-02
Radioactive waste disposed	kg	1,02E-04	1,50E-04	3,32E-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	1,67E-01	1,67E-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 Slip Basic Plus L 211451

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,144	0,029	0,058	0,230
	Biogenic	kg CO_2 eq.	-0,091	0,000	0,031	-0,060
	Land use and land transformation	kg CO_2 eq.	0,00011	0,00017	0,00011	0,00039
	Total	kg CO_2 eq.	0,053	0,029	0,089	0,170
Acidification potential (AP)		kg SO_2 eq.	7,56E-04	9,65E-05	3,83E-05	8,91E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,58E-04	1,10E-05	3,36E-05	2,02E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,25E-04	4,96E-05	3,23E-05	6,07E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,26E-07	9,38E-09	7,16E-10	1,36E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,22E+00	3,59E-01	1,22E-01	3,71E+00
Water scarcity potential		m^3 eq.	4,32E+00	9,79E-03	6,56E-03	4,34E+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	1,89E+00	2,07E-01	7,89E-03	2,10E+00
	Used as raw materials	MJ, net calorific value	9,45E-01	(N/A)	(N/A)	9,45E-01
	Total	MJ, net calorific value	2,83E+00	2,07E-01	7,89E-03	3,05E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,50E+00	4,66E-01	1,28E-01	4,10E+00
	Used as raw materials	MJ, net calorific value	1,16E+00	4,16E-04	7,13E-03	1,17E+00
	Total	MJ, net calorific value	4,66E+00	4,66E-01	1,35E-01	5,26E+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	6,07E-03	2,26E-03	2,36E-04	8,56E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	7,89E-07	3,53E-10	5,19E-09	7,95E-07
Non-hazardous waste disposed	kg	5,74E-04	5,44E-04	1,50E-02	1,61E-02
Radioactive waste disposed	kg	2,94E-05	4,21E-05	9,40E-07	7,24E-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	4,61E-02	4,61E-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 Slip Basic Plus L 211451

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,576	0,115	0,230	0,920
	Biogenic	kg CO_2 eq.	-0,365	0,000	0,124	-0,241
	Land use and land transformation	kg CO_2 eq.	0,00044	0,00069	0,00043	0,00156
	Total	kg CO_2 eq.	0,211	0,115	0,355	0,681
Acidification potential (AP)		kg SO_2 eq.	3,02E-03	3,86E-04	1,53E-04	3,56E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	6,31E-04	4,41E-05	1,34E-04	8,09E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,10E-03	1,98E-04	1,29E-04	2,43E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	5,03E-07	3,75E-08	2,86E-09	5,44E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,29E+01	1,44E+00	4,90E-01	1,48E+01
Water scarcoty potential		m^3 eq.	1,73E+01	3,92E-02	2,62E-02	1,73E+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	7,54E+00	8,28E-01	3,16E-02	8,40E+00
	Used as raw materials	MJ, net calorific value	3,78E+00	(N/A)	(N/A)	3,78E+00
	Total	MJ, net calorific value	1,13E+01	8,28E-01	3,16E-02	1,22E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,40E+01	1,86E+00	5,11E-01	1,64E+01
	Used as raw materials	MJ, net calorific value	4,64E+00	1,66E-03	2,85E-02	4,67E+00
	Total	MJ, net calorific value	1,87E+01	1,87E+00	5,40E-01	2,11E+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	2,43E-02	9,04E-03	9,45E-04	3,43E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	3,16E-06	1,41E-09	2,08E-08	3,18E-06
Non-hazardous waste disposed	kg	2,30E-03	2,18E-03	6,01E-02	6,46E-02
Radioactive waste disposed	kg	1,18E-04	1,68E-04	3,76E-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	1,85E-01	1,85E-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 Slip Basic Super M 211452

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,144	0,030	0,058	0,232
	Biogenic	kg CO_2 eq.	-0,095	0,000	0,032	-0,063
	Land use and land transformation	kg CO_2 eq.	0,00011	0,00018	0,00011	0,00040
	Total	kg CO_2 eq.	0,050	0,030	0,090	0,169
Acidification potential (AP)		kg SO_2 eq.	7,57E-04	1,00E-04	4,00E-05	8,96E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,67E-04	1,14E-05	3,45E-05	2,13E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,43E-04	5,14E-05	3,33E-05	6,27E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,51E-07	9,72E-09	7,34E-10	1,62E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,16E+00	3,72E-01	1,28E-01	3,66E+00
Water scarcity potential		m^3 eq.	3,93E+00	1,01E-02	6,96E-03	3,95E+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	1,95E+00	2,14E-01	8,25E-03	2,17E+00
	Used as raw materials	MJ, net calorific value	9,81E-01	(N/A)	(N/A)	9,81E-01
	Total	MJ, net calorific value	2,93E+00	2,14E-01	8,25E-03	3,15E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,42E+00	4,83E-01	1,33E-01	4,04E+00
	Used as raw materials	MJ, net calorific value	9,33E-01	4,31E-04	7,26E-03	9,41E-01
	Total	MJ, net calorific value	4,36E+00	4,83E-01	1,41E-01	4,98E+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	6,61E-03	2,34E-03	2,50E-04	9,20E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	9,06E-07	3,66E-10	5,41E-09	9,12E-07
Non-hazardous waste disposed	kg	6,13E-04	5,63E-04	1,63E-02	1,74E-02
Radioactive waste disposed	kg	3,02E-05	4,36E-05	9,88E-07	7,48E-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	4,88E-02	4,88E-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 Slip Basic Super M 211452

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,577	0,119	0,231	0,927
	Biogenic	kg CO_2 eq.	-0,379	0,000	0,127	-0,252
	Land use and land transformation	kg CO_2 eq.	0,00045	0,00072	0,00044	0,00161
	Total	kg CO_2 eq.	0,199	0,119	0,358	0,676
Acidification potential (AP)		kg SO_2 eq.	3,03E-03	4,00E-04	1,60E-04	3,59E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	6,69E-04	4,57E-05	1,38E-04	8,53E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,17E-03	2,06E-04	1,33E-04	2,51E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,05E-07	3,89E-08	2,94E-09	6,47E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,26E+01	1,49E+00	5,11E-01	1,46E+01
Water scarcoty potential		m^3 eq.	1,57E+01	4,06E-02	2,78E-02	1,58E+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	7,80E+00	8,58E-01	3,30E-02	8,69E+00
	Used as raw materials	MJ, net calorific value	3,92E+00	(N/A)	(N/A)	3,92E+00
	Total	MJ, net calorific value	1,17E+01	8,58E-01	3,30E-02	1,26E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,37E+01	1,93E+00	5,34E-01	1,62E+01
	Used as raw materials	MJ, net calorific value	3,73E+00	1,72E-03	2,91E-02	3,76E+00
	Total	MJ, net calorific value	1,74E+01	1,93E+00	5,63E-01	1,99E+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	2,64E-02	9,36E-03	1,00E-03	3,68E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	3,63E-06	1,46E-09	2,16E-08	3,65E-06
Non-hazardous waste disposed	kg	2,45E-03	2,25E-03	6,51E-02	6,98E-02
Radioactive waste disposed	kg	1,21E-04	1,74E-04	3,95E-06	2,99E-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	1,95E-01	1,95E-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 Slip Basic Super L 211453

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,160	0,033	0,065	0,257
	Biogenic	kg CO_2 eq.	-0,106	0,000	0,036	-0,070
	Land use and land transformation	kg CO_2 eq.	0,00012	0,00020	0,00012	0,00044
	Total	kg CO_2 eq.	0,054	0,033	0,101	0,187
Acidification potential (AP)		kg SO_2 eq.	8,46E-04	1,10E-04	4,38E-05	9,99E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,82E-04	1,25E-05	3,86E-05	2,33E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,94E-04	5,64E-05	3,71E-05	6,87E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,51E-07	1,07E-08	8,98E-10	1,63E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,52E+00	4,09E-01	1,40E-01	4,07E+00
Water scarcity potential		m^3 eq.	4,68E+00	1,11E-02	7,45E-03	4,70E+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	2,18E+00	2,36E-01	9,00E-03	2,42E+00
	Used as raw materials	MJ, net calorific value	1,10E+00	(N/A)	(N/A)	1,10E+00
	Total	MJ, net calorific value	3,27E+00	2,36E-01	9,00E-03	3,52E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,83E+00	5,30E-01	1,46E-01	4,51E+00
	Used as raw materials	MJ, net calorific value	1,17E+00	4,73E-04	8,23E-03	1,18E+00
	Total	MJ, net calorific value	5,00E+00	5,31E-01	1,54E-01	5,69E+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	6,97E-03	2,57E-03	2,68E-04	9,81E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	8,13E-07	4,02E-10	5,94E-09	8,19E-07
Non-hazardous waste disposed	kg	6,63E-04	6,19E-04	1,68E-02	1,81E-02
Radioactive waste disposed	kg	3,31E-05	4,79E-05	1,07E-06	8,20E-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	5,28E-02	5,28E-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 Slip Basic Super L 211453

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,639	0,130	0,258	1,028
	Biogenic	kg CO_2 eq.	-0,423	0,000	0,144	-0,280
	Land use and land transformation	kg CO_2 eq.	0,00050	0,00079	0,00049	0,00178
	Total	kg CO_2 eq.	0,216	0,131	0,402	0,750
Acidification potential (AP)		kg SO_2 eq.	3,38E-03	4,39E-04	1,75E-04	4,00E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	7,26E-04	5,02E-05	1,55E-04	9,31E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,38E-03	2,26E-04	1,48E-04	2,75E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,04E-07	4,27E-08	3,59E-09	6,51E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,41E+01	1,64E+00	5,59E-01	1,63E+01
Water scarcoty potential		m^3 eq.	1,87E+01	4,46E-02	2,98E-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	8,71E+00	9,42E-01	3,60E-02	9,69E+00
	Used as raw materials	MJ, net calorific value	4,39E+00	(N/A)	(N/A)	4,39E+00
	Total	MJ, net calorific value	1,31E+01	9,42E-01	3,60E-02	1,41E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,53E+01	2,12E+00	5,83E-01	1,80E+01
	Used as raw materials	MJ, net calorific value	4,69E+00	1,89E-03	3,29E-02	4,72E+00
	Total	MJ, net calorific value	2,00E+01	2,12E+00	6,16E-01	2,27E+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	1,03E-02	1,07E-03	3,92E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	3,25E-06	1,61E-09	2,37E-08	3,28E-06
Non-hazardous waste disposed	kg	2,65E-03	2,48E-03	6,74E-02	7,25E-02
Radioactive waste disposed	kg	1,32E-04	1,91E-04	4,28E-06	3,28E-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	2,11E-01	2,11E-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 Slip Ultima M 710521& 710522 & 712137

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,239	0,049	0,095	0,383
	Biogenic	kg CO_2 eq.	-0,158	0,000	0,053	-0,105
	Land use and land transformation	kg CO_2 eq.	0,00018	0,00030	0,00018	0,00067
	Total	kg CO_2 eq.	0,081	0,049	0,148	0,279
Acidification potential (AP)		kg SO_2 eq.	1,23E-03	1,66E-04	6,65E-05	1,46E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	2,81E-04	1,89E-05	5,76E-05	3,58E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	8,97E-04	8,52E-05	5,56E-05	1,04E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,60E-07	1,61E-08	1,41E-09	2,77E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	5,17E+00	6,17E-01	2,12E-01	6,00E+00
Water scarcity potential		m^3 eq.	6,30E+00	1,68E-02	1,17E-02	6,33E+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	3,23E+00	3,56E-01	1,37E-02	3,60E+00
	Used as raw materials	MJ, net calorific value	1,63E+00	(N/A)	(N/A)	1,63E+00
	Total	MJ, net calorific value	4,86E+00	3,56E-01	1,37E-02	5,23E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	5,60E+00	8,01E-01	2,21E-01	6,62E+00
	Used as raw materials	MJ, net calorific value	1,38E+00	7,14E-04	1,21E-02	1,39E+00
	Total	MJ, net calorific value	6,98E+00	8,01E-01	2,33E-01	8,01E+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	1,11E-02	3,88E-03	4,21E-04	1,54E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,38E-06	6,07E-10	8,93E-09	1,39E-06
Non-hazardous waste disposed	kg	1,09E-03	9,35E-04	2,75E-02	2,95E-02
Radioactive waste disposed	kg	5,08E-05	7,23E-05	1,66E-06	1,25E-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	8,07E-02	8,07E-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.	0,955	0,197	0,380	1,531
	Biogenic	kg CO_2 eq.	-0,631	0,000	0,211	-0,419
	Land use and land transformation	kg CO_2 eq.	0,00074	0,00119	0,00073	0,00267
	Total	kg CO_2 eq.	0,325	0,198	0,592	1,115
Acidification potential (AP)		kg SO_2 eq.	4,91E-03	6,63E-04	2,66E-04	5,84E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	1,12E-03	7,58E-05	2,30E-04	1,43E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,59E-03	3,41E-04	2,22E-04	4,15E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,04E-06	6,45E-08	5,64E-09	1,11E-06
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,07E+01	2,47E+00	8,48E-01	2,40E+01
Water scarcoty potential		m^3 eq.	2,52E+01	6,73E-02	4,68E-02	2,53E+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	1,29E+01	1,42E+00	5,48E-02	1,44E+01
	Used as raw materials	MJ, net calorific value	6,53E+00	(N/A)	(N/A)	6,53E+00
	Total	MJ, net calorific value	1,95E+01	1,42E+00	5,48E-02	2,09E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,24E+01	3,20E+00	8,85E-01	2,65E+01
	Used as raw materials	MJ, net calorific value	5,51E+00	2,86E-03	4,85E-02	5,56E+00
	Total	MJ, net calorific value	2,79E+01	3,21E+00	9,34E-01	3,20E+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	4,44E-02	1,55E-02	1,68E-03	6,16E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,54E-06	2,43E-09	3,57E-08	5,58E-06
Non-hazardous waste disposed	kg	4,34E-03	3,74E-03	1,10E-01	1,18E-01
Radioactive waste disposed	kg	2,03E-04	2,89E-04	6,62E-06	4,99E-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	3,23E-01	3,23E-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

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,295	0,060	0,117	0,471
	Biogenic	kg CO_2 eq.	-0,190	0,000	0,064	-0,125
	Land use and land transformation	kg CO_2 eq.	0,00022	0,00036	0,00022	0,00081
	Total	kg CO_2 eq.	0,105	0,060	0,181	0,347
Acidification potential (AP)		kg SO_2 eq.	1,51E-03	2,02E-04	8,06E-05	1,79E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	3,39E-04	2,31E-05	7,00E-05	4,33E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,09E-03	1,04E-04	6,76E-05	1,26E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	3,04E-07	1,97E-08	1,61E-09	3,26E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	6,49E+00	7,53E-01	2,57E-01	7,50E+00
Water scarcity potential		m^3 eq.	8,08E+00	2,05E-02	1,43E-02	8,12E+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	3,89E+00	4,34E-01	1,66E-02	4,34E+00
	Used as raw materials	MJ, net calorific value	1,96E+00	(N/A)	(N/A)	1,96E+00
	Total	MJ, net calorific value	5,85E+00	4,34E-01	1,66E-02	6,30E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	7,02E+00	9,77E-01	2,68E-01	8,27E+00
	Used as raw materials	MJ, net calorific value	1,89E+00	8,72E-04	1,47E-02	1,91E+00
	Total	MJ, net calorific value	8,91E+00	9,78E-01	2,83E-01	1,02E+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	1,34E-02	4,74E-03	5,13E-04	1,86E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,80E-06	7,41E-10	1,08E-08	1,81E-06
Non-hazardous waste disposed	kg	1,28E-03	1,14E-03	3,36E-02	3,60E-02
Radioactive waste disposed	kg	6,16E-05	8,82E-05	2,02E-06	1,52E-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	9,71E-02	9,71E-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

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	1,178	0,240	0,466	1,885
	Biogenic	kg CO_2 eq.	-0,758	0,000	0,257	-0,501
	Land use and land transformation	kg CO_2 eq.	0,00090	0,00146	0,00089	0,00324
	Total	kg CO_2 eq.	0,421	0,242	0,724	1,387
Acidification potential (AP)		kg SO_2 eq.	6,04E-03	8,09E-04	3,23E-04	7,18E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	1,36E-03	9,25E-05	2,80E-04	1,73E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,37E-03	4,16E-04	2,70E-04	5,06E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,22E-06	7,87E-08	6,44E-09	1,30E-06
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	2,60E+01	3,01E+00	1,03E+00	3,00E+01
Water scarcoty potential		m^3 eq.	3,23E+01	8,21E-02	5,71E-02	3,25E+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	1,55E+01	1,74E+00	6,65E-02	1,73E+01
	Used as raw materials	MJ, net calorofic value	7,85E+00	(N/A)	(N/A)	7,85E+00
	Total	MJ, net calorofic value	2,34E+01	1,74E+00	6,65E-02	2,52E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	2,81E+01	3,91E+00	1,07E+00	3,31E+01
	Used as raw materials	MJ, net calorofic value	7,56E+00	3,49E-03	5,89E-02	7,62E+00
	Total	MJ, net calorofic value	3,56E+01	3,91E+00	1,13E+00	4,07E+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	5,35E-02	1,90E-02	2,05E-03	7,45E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	7,20E-06	2,96E-09	4,32E-08	7,25E-06
Non-hazardous waste disposed	kg	5,13E-03	4,56E-03	1,34E-01	1,44E-01
Radioactive waste disposed	kg	2,46E-04	3,53E-04	8,07E-06	6,07E-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	3,88E-01	3,88E-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

28. TENA Slip Ultima XL 710622

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,287	0,059	0,114	0,461
	Biogenic	kg CO_2 eq.	-0,186	0,000	0,062	-0,124
	Land use and land transformation	kg CO_2 eq.	0,00022	0,00036	0,00022	0,00080
	Total	kg CO_2 eq.	0,101	0,059	0,177	0,337
Acidification potential (AP)		kg SO_2 eq.	1,47E-03	1,99E-04	7,95E-05	1,75E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	3,36E-04	2,27E-05	6,82E-05	4,27E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,07E-03	1,02E-04	6,59E-05	1,24E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	3,13E-07	1,93E-08	1,79E-09	3,34E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	6,26E+00	7,40E-01	2,55E-01	7,26E+00
Water scarcity potential		m^3 eq.	7,74E+00	2,02E-02	1,42E-02	7,78E+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	3,82E+00	4,26E-01	1,65E-02	4,26E+00
	Used as raw materials	MJ, net calorific value	1,93E+00	(N/A)	(N/A)	1,93E+00
	Total	MJ, net calorific value	5,75E+00	4,26E-01	1,65E-02	6,19E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	6,78E+00	9,60E-01	2,66E-01	8,00E+00
	Used as raw materials	MJ, net calorific value	1,70E+00	8,56E-04	1,42E-02	1,71E+00
	Total	MJ, net calorific value	8,48E+00	9,60E-01	2,80E-01	9,72E+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	1,33E-02	4,65E-03	5,11E-04	1,84E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,39E-06	7,28E-10	1,07E-08	1,40E-06
Non-hazardous waste disposed	kg	1,27E-03	1,12E-03	3,40E-02	3,64E-02
Radioactive waste disposed	kg	6,08E-05	8,66E-05	2,00E-06	1,49E-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	(N/A)	(N/A)
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 Slip Ultima XL 710622

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	1,149	0,236	0,457	1,843
	Biogenic	kg CO_2 eq.	-0,745	0,000	0,248	-0,497
	Land use and land transformation	kg CO_2 eq.	0,00087	0,00143	0,00088	0,00318
	Total	kg CO_2 eq.	0,405	0,237	0,707	1,349
Acidification potential (AP)		kg SO_2 eq.	5,88E-03	7,95E-04	3,18E-04	6,99E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	1,35E-03	9,08E-05	2,73E-04	1,71E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,29E-03	4,09E-04	2,64E-04	4,96E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,25E-06	7,73E-08	7,17E-09	1,34E-06
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	2,51E+01	2,96E+00	1,02E+00	2,90E+01
Water scarcoty potential		m^3 eq.	3,10E+01	8,07E-02	5,68E-02	3,11E+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	1,53E+01	1,71E+00	6,60E-02	1,70E+01
	Used as raw materials	MJ, net calorofic value	7,71E+00	(N/A)	(N/A)	7,71E+00
	Total	MJ, net calorofic value	2,30E+01	1,71E+00	6,60E-02	2,48E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	2,71E+01	3,84E+00	1,06E+00	3,20E+01
	Used as raw materials	MJ, net calorofic value	6,79E+00	3,43E-03	5,69E-02	6,85E+00
	Total	MJ, net calorofic value	3,39E+01	3,84E+00	1,12E+00	3,89E+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	5,30E-02	1,86E-02	2,04E-03	7,37E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,56E-06	2,91E-09	4,27E-08	5,60E-06
Non-hazardous waste disposed	kg	5,08E-03	4,48E-03	1,36E-01	1,46E-01
Radioactive waste disposed	kg	2,43E-04	3,46E-04	7,99E-06	5,98E-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	(N/A)	(N/A)
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 Slip Bariatric XXL 61490

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,218	0,044	0,087	0,349
	Biogenic	kg CO_2 eq.	-0,141	0,000	0,047	-0,094
	Land use and land transformation	kg CO_2 eq.	0,00016	0,00027	0,00016	0,00059
	Total	kg CO_2 eq.	0,077	0,044	0,135	0,255
Acidification potential (AP)		kg SO_2 eq.	1,14E-03	1,47E-04	5,91E-05	1,34E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	2,51E-04	1,68E-05	5,15E-05	3,19E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	8,00E-04	7,58E-05	4,96E-05	9,26E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,36E-07	1,43E-08	1,16E-09	2,52E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,73E+00	5,49E-01	1,89E-01	5,47E+00
Water scarcity potential		m^3 eq.	6,14E+00	1,50E-02	1,02E-02	6,17E+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	2,90E+00	3,16E-01	1,22E-02	3,23E+00
	Used as raw materials	MJ, net calorific value	1,46E+00	(N/A)	(N/A)	1,46E+00
	Total	MJ, net calorific value	4,37E+00	3,16E-01	1,22E-02	4,70E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	5,14E+00	7,12E-01	1,98E-01	6,04E+00
	Used as raw materials	MJ, net calorific value	1,50E+00	6,35E-04	1,09E-02	1,51E+00
	Total	MJ, net calorific value	6,64E+00	7,12E-01	2,08E-01	7,56E+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	1,00E-02	3,45E-03	3,69E-04	1,38E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,19E-06	5,40E-10	8,01E-09	1,20E-06
Non-hazardous waste disposed	kg	8,81E-04	8,31E-04	2,38E-02	2,55E-02
Radioactive waste disposed	kg	4,52E-05	6,42E-05	1,46E-06	1,11E-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	7,19E-02	7,19E-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
EP - Eutrophication Potential
POCP - Photochemical Ozon Creation Potential

29. TENA Slip Bariatric XXL 61490

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,871	0,175	0,348	1,395
	Biogenic	kg CO_2 eq.	-0,565	0,000	0,190	-0,375
	Land use and land transformation	kg CO_2 eq.	0,00066	0,00106	0,00066	0,00238
	Total	kg CO_2 eq.	0,307	0,176	0,539	1,022
Acidification potential (AP)		kg SO_2 eq.	4,55E-03	5,90E-04	2,37E-04	5,37E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	1,00E-03	6,74E-05	2,06E-04	1,28E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,20E-03	3,03E-04	1,98E-04	3,70E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	9,44E-07	5,73E-08	4,66E-09	1,01E-06
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,89E+01	2,20E+00	7,57E-01	2,19E+01
Water scarcoty potential		m^3 eq.	2,46E+01	5,98E-02	4,10E-02	2,47E+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	1,16E+01	1,26E+00	4,89E-02	1,29E+01
	Used as raw materials	MJ, net calorofic value	5,85E+00	(N/A)	(N/A)	5,85E+00
	Total	MJ, net calorofic value	1,75E+01	1,26E+00	4,89E-02	1,88E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	2,05E+01	2,85E+00	7,90E-01	2,42E+01
	Used as raw materials	MJ, net calorofic value	6,00E+00	2,54E-03	4,34E-02	6,05E+00
	Total	MJ, net calorofic value	2,65E+01	2,85E+00	8,33E-01	3,02E+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	4,00E-02	1,38E-02	1,48E-03	5,53E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	4,77E-06	2,16E-09	3,20E-08	4,80E-06
Non-hazardous waste disposed	kg	3,52E-03	3,32E-03	9,51E-02	1,02E-01
Radioactive waste disposed	kg	1,81E-04	2,57E-04	5,84E-06	4,44E-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	2,88E-01	2,88E-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

30. TENA Slip Bariatric 3XL 61391

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,272	0,053	0,107	0,432
	Biogenic	kg CO_2 eq.	-0,173	0,000	0,059	-0,114
	Land use and land transformation	kg CO_2 eq.	0,00020	0,00032	0,00020	0,00072
	Total	kg CO_2 eq.	0,099	0,053	0,167	0,319
Acidification potential (AP)		kg SO_2 eq.	1,43E-03	1,77E-04	7,18E-05	1,67E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	3,07E-04	2,02E-05	6,36E-05	3,91E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	9,79E-04	9,09E-05	6,09E-05	1,13E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,97E-07	1,72E-08	1,53E-09	3,16E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	5,86E+00	6,59E-01	2,30E-01	6,75E+00
Water scarcity potential		m^3 eq.	7,79E+00	1,79E-02	1,21E-02	7,82E+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	3,57E+00	3,79E-01	1,48E-02	3,97E+00
	Used as raw materials	MJ, net calorific value	1,79E+00	(N/A)	(N/A)	1,79E+00
	Total	MJ, net calorific value	5,36E+00	3,79E-01	1,48E-02	5,76E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	6,37E+00	8,54E-01	2,40E-01	7,47E+00
	Used as raw materials	MJ, net calorific value	2,03E+00	7,62E-04	1,36E-02	2,05E+00
	Total	MJ, net calorific value	8,40E+00	8,55E-01	2,53E-01	9,51E+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	1,24E-02	4,14E-03	4,35E-04	1,69E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,24E-06	6,48E-10	9,80E-09	1,26E-06
Non-hazardous waste disposed	kg	1,05E-03	9,97E-04	2,70E-02	2,90E-02
Radioactive waste disposed	kg	5,54E-05	7,71E-05	1,74E-06	1,34E-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	8,48E-02	8,48E-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

30. TENA Slip Bariatric 3XL 61391

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	1,088	0,210	0,428	1,727
	Biogenic	kg CO_2 eq.	-0,691	0,000	0,237	-0,454
	Land use and land transformation	kg CO_2 eq.	0,00080	0,00127	0,00081	0,00288
	Total	kg CO_2 eq.	0,398	0,211	0,667	1,275
Acidification potential (AP)		kg SO_2 eq.	5,70E-03	7,08E-04	2,87E-04	6,70E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	1,23E-03	8,08E-05	2,54E-04	1,56E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,91E-03	3,64E-04	2,44E-04	4,52E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,19E-06	6,88E-08	6,13E-09	1,26E-06
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	2,34E+01	2,63E+00	9,19E-01	2,70E+01
Water scarcoty potential		m^3 eq.	3,12E+01	7,18E-02	4,83E-02	3,13E+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	1,43E+01	1,52E+00	5,92E-02	1,59E+01
	Used as raw materials	MJ, net calorofic value	7,16E+00	(N/A)	(N/A)	7,16E+00
	Total	MJ, net calorofic value	2,14E+01	1,52E+00	5,92E-02	2,30E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	2,55E+01	3,42E+00	9,59E-01	2,99E+01
	Used as raw materials	MJ, net calorofic value	8,12E+00	3,05E-03	5,44E-02	8,18E+00
	Total	MJ, net calorofic value	3,36E+01	3,42E+00	1,01E+00	3,80E+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	4,94E-02	1,66E-02	1,74E-03	6,77E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	4,98E-06	2,59E-09	3,92E-08	5,02E-06
Non-hazardous waste disposed	kg	4,19E-03	3,99E-03	1,08E-01	1,16E-01
Radioactive waste disposed	kg	2,22E-04	3,08E-04	6,96E-06	5,37E-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	3,39E-01	3,39E-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

31. TENA Slip Pro Plus Medium 710600

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,147	0,026	0,054	0,228
	Biogenic	kg CO_2 eq.	-0,071	0,000	0,024	-0,048
	Land use and land transformation	kg CO_2 eq.	0,00011	0,00016	0,00010	0,00037
	Total	kg CO_2 eq.	0,076	0,027	0,078	0,181
Acidification potential (AP)		kg SO_2 eq.	6,94E-04	8,92E-05	3,60E-05	8,19E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,52E-04	1,02E-05	2,79E-05	1,90E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,05E-04	4,58E-05	2,78E-05	5,79E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,42E-07	8,67E-09	5,70E-10	1,52E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,36E+00	3,32E-01	1,20E-01	3,81E+00
Water scarcity potential		m^3 eq.	3,86E+00	9,05E-03	7,02E-03	3,88E+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	1,53E+00	1,91E-01	7,82E-03	1,73E+00
	Used as raw materials	MJ, net calorific value	7,42E-01	(N/A)	(N/A)	7,42E-01
	Total	MJ, net calorific value	2,27E+00	1,91E-01	7,82E-03	2,47E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,62E+00	4,31E-01	1,24E-01	4,18E+00
	Used as raw materials	MJ, net calorific value	1,04E+00	3,84E-04	5,41E-03	1,05E+00
	Total	MJ, net calorific value	4,66E+00	4,31E-01	1,30E-01	5,22E+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	6,35E-03	2,09E-03	2,52E-04	8,69E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,01E-06	3,26E-10	4,95E-09	1,02E-06
Non-hazardous waste disposed	kg	5,99E-04	5,03E-04	1,89E-02	2,00E-02
Radioactive waste disposed	kg	3,15E-05	3,89E-05	9,55E-07	7,13E-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	4,47E-02	4,47E-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 Slip Pro Plus Medium 710600

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,589	0,106	0,217	0,912
	Biogenic	kg CO_2 eq.	-0,285	0,000	0,094	-0,191
	Land use and land transformation	kg CO_2 eq.	0,00042	0,00064	0,00041	0,00147
	Total	kg CO_2 eq.	0,304	0,106	0,312	0,722
Acidification potential (AP)		kg SO_2 eq.	2,78E-03	3,57E-04	1,44E-04	3,28E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	6,09E-04	4,08E-05	1,12E-04	7,61E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,02E-03	1,83E-04	1,11E-04	2,31E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	5,69E-07	3,47E-08	2,28E-09	6,06E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,34E+01	1,33E+00	4,78E-01	1,52E+01
Water scarcoty potential		m^3 eq.	1,55E+01	3,62E-02	2,81E-02	1,55E+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	6,12E+00	7,65E-01	3,13E-02	6,91E+00
	Used as raw materials	MJ, net calorofic value	2,97E+00	(N/A)	(N/A)	2,97E+00
	Total	MJ, net calorofic value	9,08E+00	7,65E-01	3,13E-02	9,88E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,45E+01	1,72E+00	4,97E-01	1,67E+01
	Used as raw materials	MJ, net calorofic value	4,16E+00	1,54E-03	2,16E-02	4,18E+00
	Total	MJ, net calorofic value	1,87E+01	1,72E+00	5,19E-01	2,09E+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	2,54E-02	8,35E-03	1,01E-03	3,48E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	4,05E-06	1,31E-09	1,98E-08	4,07E-06
Non-hazardous waste disposed	kg	2,40E-03	2,01E-03	7,56E-02	8,00E-02
Radioactive waste disposed	kg	1,26E-04	1,55E-04	3,82E-06	2,85E-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	1,79E-01	1,79E-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

32. TENA Slip Pro Plus Large 710700

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,174	0,030	0,063	0,267
	Biogenic	kg CO_2 eq.	-0,075	0,000	0,025	-0,051
	Land use and land transformation	kg CO_2 eq.	0,00012	0,00018	0,00012	0,00042
	Total	kg CO_2 eq.	0,098	0,031	0,088	0,217
Acidification potential (AP)		kg SO_2 eq.	7,96E-04	1,03E-04	4,09E-05	9,40E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,74E-04	1,17E-05	3,05E-05	2,16E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,81E-04	5,27E-05	3,07E-05	6,64E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,65E-07	9,97E-09	6,39E-10	1,75E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,04E+00	3,82E-01	1,37E-01	4,56E+00
Water scarcity potential		m^3 eq.	4,62E+00	1,04E-02	8,39E-03	4,63E+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	1,63E+00	2,20E-01	9,02E-03	1,86E+00
	Used as raw materials	MJ, net calorific value	7,85E-01	(N/A)	(N/A)	7,85E-01
	Total	MJ, net calorific value	2,41E+00	2,20E-01	9,02E-03	2,64E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,36E+00	4,95E-01	1,42E-01	5,00E+00
	Used as raw materials	MJ, net calorific value	1,31E+00	4,42E-04	5,70E-03	1,31E+00
	Total	MJ, net calorific value	5,67E+00	4,96E-01	1,48E-01	6,31E+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	7,36E-03	2,40E-03	3,01E-04	1,01E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,19E-06	3,76E-10	5,61E-09	1,19E-06
Non-hazardous waste disposed	kg	6,57E-04	5,78E-04	2,35E-02	2,47E-02
Radioactive waste disposed	kg	3,67E-05	4,47E-05	1,12E-06	8,25E-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	5,14E-02	5,14E-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 Slip Pro Plus Large 710700

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	0,122	0,251	1,068
	Biogenic	kg CO_2 eq.	-0,302	0,000	0,099	-0,203
	Land use and land transformation	kg CO_2 eq.	0,00047	0,00074	0,00046	0,00167
	Total	kg CO_2 eq.	0,393	0,122	0,351	0,867
Acidification potential (AP)		kg SO_2 eq.	3,19E-03	4,10E-04	1,64E-04	3,76E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	6,94E-04	4,69E-05	1,22E-04	8,63E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,32E-03	2,11E-04	1,23E-04	2,66E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,58E-07	3,99E-08	2,56E-09	7,01E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,62E+01	1,53E+00	5,48E-01	1,82E+01
Water scarcoty potential		m^3 eq.	1,85E+01	4,16E-02	3,35E-02	1,85E+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	6,51E+00	8,80E-01	3,61E-02	7,43E+00
	Used as raw materials	MJ, net calorofic value	3,14E+00	(N/A)	(N/A)	3,14E+00
	Total	MJ, net calorofic value	9,65E+00	8,80E-01	3,61E-02	1,06E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,75E+01	1,98E+00	5,69E-01	2,00E+01
	Used as raw materials	MJ, net calorofic value	5,23E+00	1,77E-03	2,28E-02	5,25E+00
	Total	MJ, net calorofic value	2,27E+01	1,98E+00	5,92E-01	2,53E+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	2,95E-02	9,61E-03	1,20E-03	4,03E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	4,74E-06	1,50E-09	2,24E-08	4,77E-06
Non-hazardous waste disposed	kg	2,63E-03	2,31E-03	9,41E-02	9,90E-02
Radioactive waste disposed	kg	1,47E-04	1,79E-04	4,48E-06	3,30E-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	2,06E-01	2,06E-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

33. TENA Slip Pro Super Medium 711201

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,164	0,030	0,059	0,253
	Biogenic	kg CO_2 eq.	-0,076	0,000	0,025	-0,051
	Land use and land transformation	kg CO_2 eq.	0,00011	0,00018	0,00011	0,00041
	Total	kg CO_2 eq.	0,088	0,030	0,085	0,203
Acidification potential (AP)		kg SO_2 eq.	7,57E-04	9,99E-05	4,02E-05	8,97E-04
Eutrophication potential (EP)		kg PO_4^3 eq.	1,72E-04	1,14E-05	3,04E-05	2,14E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,64E-04	5,14E-05	3,04E-05	6,46E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,74E-07	9,71E-09	7,21E-10	1,84E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,74E+00	3,72E-01	1,34E-01	4,24E+00
Water scarcity potential		m^3 eq.	4,08E+00	1,01E-02	8,08E-03	4,10E+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	1,63E+00	2,14E-01	8,77E-03	1,85E+00
	Used as raw materials	MJ, net calorific value	7,91E-01	(N/A)	(N/A)	7,91E-01
	Total	MJ, net calorific value	2,42E+00	2,14E-01	8,77E-03	2,65E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,03E+00	4,82E-01	1,39E-01	4,65E+00
	Used as raw materials	MJ, net calorific value	1,05E+00	4,31E-04	5,76E-03	1,06E+00
	Total	MJ, net calorific value	5,08E+00	4,83E-01	1,45E-01	5,71E+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	7,32E-03	2,34E-03	2,90E-04	9,95E-03

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,06E-06	3,66E-10	5,49E-09	1,06E-06
Non-hazardous waste disposed	kg	6,61E-04	5,63E-04	2,23E-02	2,35E-02
Radioactive waste disposed	kg	3,55E-05	4,36E-05	1,08E-06	8,01E-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	5,01E-02	5,01E-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 Slip Pro Super Medium 711201

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,657	0,119	0,238	1,013
	Biogenic	kg CO_2 eq.	-0,305	0,000	0,100	-0,204
	Land use and land transformation	kg CO_2 eq.	0,00046	0,00072	0,00045	0,00163
	Total	kg CO_2 eq.	0,353	0,119	0,338	0,810
Acidification potential (AP)		kg SO_2 eq.	3,03E-03	4,00E-04	1,61E-04	3,59E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	6,89E-04	4,57E-05	1,21E-04	8,56E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,26E-03	2,05E-04	1,22E-04	2,58E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,95E-07	3,89E-08	2,89E-09	7,37E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,49E+01	1,49E+00	5,35E-01	1,70E+01
Water scarcoty potential		m^3 eq.	1,63E+01	4,06E-02	3,23E-02	1,64E+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	6,53E+00	8,57E-01	3,51E-02	7,42E+00
	Used as raw materials	MJ, net calorofic value	3,17E+00	(N/A)	(N/A)	3,17E+00
	Total	MJ, net calorofic value	9,69E+00	8,57E-01	3,51E-02	1,06E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,61E+01	1,93E+00	5,55E-01	1,86E+01
	Used as raw materials	MJ, net calorofic value	4,20E+00	1,72E-03	2,30E-02	4,22E+00
	Total	MJ, net calorofic value	2,03E+01	1,93E+00	5,78E-01	2,28E+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	2,93E-02	9,36E-03	1,16E-03	3,98E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	4,23E-06	1,46E-09	2,20E-08	4,25E-06
Non-hazardous waste disposed	kg	2,65E-03	2,25E-03	8,92E-02	9,40E-02
Radioactive waste disposed	kg	1,42E-04	1,74E-04	4,34E-06	3,21E-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	2,00E-01	2,00E-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 Slip Pro Super Large 711400

one absorbent product

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,187	0,034	0,068	0,289
	Biogenic	kg CO_2 eq.	-0,085	0,000	0,028	-0,057
	Land use and land transformation	kg CO_2 eq.	0,00013	0,00020	0,00013	0,00046
	Total	kg CO_2 eq.	0,102	0,034	0,096	0,232
Acidification potential (AP)		kg SO_2 eq.	8,63E-04	1,13E-04	4,50E-05	1,02E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	1,92E-04	1,29E-05	3,39E-05	2,39E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	6,35E-04	5,82E-05	3,41E-05	7,28E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,88E-07	1,10E-08	7,77E-10	1,99E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,31E+00	4,22E-01	1,50E-01	4,88E+00
Water scarcity potential		m^3 eq.	4,86E+00	1,15E-02	9,19E-03	4,88E+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	1,82E+00	2,43E-01	9,86E-03	2,07E+00
	Used as raw materials	MJ, net calorific value	8,84E-01	(N/A)	(N/A)	8,84E-01
	Total	MJ, net calorific value	2,70E+00	2,43E-01	9,86E-03	2,95E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,65E+00	5,47E-01	1,56E-01	5,35E+00
	Used as raw materials	MJ, net calorific value	1,31E+00	4,88E-04	6,40E-03	1,32E+00
	Total	MJ, net calorific value	5,96E+00	5,47E-01	1,62E-01	6,67E+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	8,14E-03	2,65E-03	3,29E-04	1,11E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,21E-06	4,15E-10	6,12E-09	1,22E-06
Non-hazardous waste disposed	kg	7,23E-04	6,38E-04	2,55E-02	2,69E-02
Radioactive waste disposed	kg	3,96E-05	4,93E-05	1,23E-06	9,02E-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	5,67E-02	5,67E-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

34. TENA Slip Pro Super Large 711400

one day of absorbent product use

Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0,747	0,135	0,273	1,154
	Biogenic	kg CO_2 eq.	-0,340	0,000	0,112	-0,229
	Land use and land transformation	kg CO_2 eq.	0,00051	0,00082	0,00050	0,00183
	Total	kg CO_2 eq.	0,408	0,135	0,385	0,927
Acidification potential (AP)		kg SO_2 eq.	3,45E-03	4,53E-04	1,80E-04	4,08E-03
Eutrophication potential (EP)		kg PO_4^3 eq.	7,68E-04	5,17E-05	1,36E-04	9,56E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,54E-03	2,33E-04	1,36E-04	2,91E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	7,50E-07	4,40E-08	3,11E-09	7,97E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorofic value	1,72E+01	1,69E+00	5,99E-01	1,95E+01
Water scarcoty potential		m^3 eq.	1,94E+01	4,60E-02	3,68E-02	1,95E+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	7,27E+00	9,71E-01	3,94E-02	8,28E+00
	Used as raw materials	MJ, net calorofic value	3,53E+00	(N/A)	(N/A)	3,53E+00
	Total	MJ, net calorofic value	1,08E+01	9,71E-01	3,94E-02	1,18E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorofic value	1,86E+01	2,19E+00	6,23E-01	2,14E+01
	Used as raw materials	MJ, net calorofic value	5,25E+00	1,95E-03	2,56E-02	5,28E+00
	Total	MJ, net calorofic value	2,39E+01	2,19E+00	6,48E-01	2,67E+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	3,25E-02	1,06E-02	1,32E-03	4,45E-02

Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	4,85E-06	1,66E-09	2,45E-08	4,87E-06
Non-hazardous waste disposed	kg	2,89E-03	2,55E-03	1,02E-01	1,08E-01
Radioactive waste disposed	kg	1,59E-04	1,97E-04	4,92E-06	3,61E-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	2,27E-01	2,27E-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
8. www.environdec.com

Version	Revision item
6	-
7	New articles added (no new LCA calculations): TENA Slip Plus Small, art.no 712131 TENA Slip Plus Medium, art.no 712134 TENA Slip Plus Large, art.no 712138 TENA Slip Super Small, art.no 712132 TENA Slip Super Medium, art. no 712135 TENA Slip Super Large, art.no 712139 TENA Slip Maxi Small, art.no 712133 TENA Slip Maxi Medium, art.no 712136 TENA Slip Maxi Large, art.no 711022, 712140 TENA Slip Ultima Medium, art.no 710522, 712137 TENA Slip Ultima Large, art.no 710623, 712141
8	New products (new LCA calculations) & articles added: TENA Slip Pro Plus Medium, art.no 710600 TENA Slip Pro Plus Large, art.no 710700 TENA Slip Pro Super Medium, art.no 711201 TENA Slip Pro Super Large, art. no 711400 Products & articles removed: TENA Slip Complete Plus M, art. no 211454 TENA Slip Complete Plus L, art. no 211456 TENA Slip Complete Super M, art. no 211457 TENA Slip Complete Super L, art. no 211458 TENA Slip Complete Care Plus M, art. no 211459 TENA Slip Complete Care Plus L, art. no 211460 TENA Slip Complete Care Super M, art. no 211462 TENA Slip Complete Care Super L, art. no 211463

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.