

Uppgiftslämnaren reserverar sig för eventuella fel i produktinformationen eller felaktigt registrerade uppgifter och förbehåller sig rätten att korrigera och/eller komplettera produktinformation utan föregående avisering

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GRUNDDATA

Varubeskrivning

Markeringsband MBN, Grönt

Övriga upplysningar

Klassificeringar

ETIM >	
BK04 >	-18303 - Elinstallationsmaterial
BSAB >	-S - S - Apparater, utrustning, kablar m m i el- och telesystem
UNSPSC >	

Leverantörsuppgifter

Företagsnamn

Ahlsell Sverige AB

Organisationsnummer

5560129206

Adress

Årstaängsvägen 11

Hemsida

www.ahlsell.se

Miljökontaktperson

Namn

Gunilla Sandström

Telefon

0858282680

E-post

gunilla.sandstrom@ahlsell.se

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HÅLLBARHETSARBETE

Företagets certifiering

- ISO 9001
- ISO 14001

INNEHÅLLSDEKLARATION

Kemisk produkt	Nej
Innehåller produkten elektronik	Nej
Omfattas varan av RoHs-direktivet	Nej
Varans vikt	2,94 kg

Vara / Delkomponenter

Koncentrationen har beräknats på hela varan

Ingående material /komponenter	Vikt-% i komponent	CAS-nr (alt legering)	EG-nr (alt legering)	Vikt % i produkt	Kommentar
Ftalocyaningrönt		1328-53-6	215-524-7	0,1%	Grönt Färgämne
2-Butanon (MEK, Metyletylketon)		78-93-3	201-159-0	0 - 0,001%	Svart tryckfärg
Hydroxyakrylat synonym stearyl-3,5-bis(tert-butyl)-4-hydroxifenylpropionat eller irganox 1076 eller octadecyl eller 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate		2082-79-3	218-216-0	6,9%	
Polyethylene - CAS No. 9002-88-4			926-220-5	93%	Återvunnen PE

Del av materialinnehållet som är deklarerat 100%

Särskilt farliga ämnen

Varan innehåller INTE några ämnen med särskilt farliga egenskaper (Substances of very high concern, SVHC-ämnena) som finns med på kandidatförteckningen i en koncentration som överstiger 0,1 vikts-%

Utgåva av kandidatförteckningen som har använts
2025-11-05

Nanomaterial

Innehåller produkten tillsatt nanomaterial, som är medvetet tillsatta för att uppnå en viss funktion?: Nej

Tillsatt högflourerade ämnen (PFAS)

Innehåller produkten tillsatt högflourerade ämnen (PFAS), som är aktivt tillsatta för att uppnå en specifik funktion?: Nej

Begränsningslistan

Innehåller varan/produkten, eller någon av dess delkomponenter, ämnen som gör att produkten inte uppfyller villkoren i Begränsningslistan (Reach Bilaga XVII)?: Nej

POPs-förordningen

Innehåller varan (eller någon av dess delkomponenter) ämnen som finns i POPs-förordningen?: Nej

Övrigt

Ämnen är redovisade ned till 0,01% viktprocent enligt iBVDs redovisningskrav. Eventuell avvikelse från redovisningskraven redovisas nedan

4

RÅVAROR

Återvunnet material

Innehåller varan återvunnet material: Ja

Specifikation av vilka material och andel som utgörs av den totala varans vikt

1. Återvunnet material
2. Andel (%) av totala varans vikt
3. Andel (%) av det återvunna materialet vilket **inte** har passerat konsumentledet
4. Andel (%) av det återvunna materialet vilket har passerat konsumentledet

1	2	3	4
9002-88-4	93 %		100 %

Träråvara

Träråvara ingår i varan: Nej

5

MILJÖPÅVERKAN

Finns en miljövarudeklaration framtagen enligt EN15804 eller ISO14025 för varan

Ja

Finns annan miljövarudeklaration

Nej

6

DISTRIBUTION

Beskrivning av emballagehantering för distribution av varan

Levereras oförpackade.

7

BYGGSCKEDET

Ställer varan särskilda krav vid lagring?

Nej

Ställer varan särskilda krav på omgivande byggvaror?

Nej

8

BRUKSSKEDET

Finns skötselanvisningar/skötselråd?

Nej

Finns en energimärkning enligt energimärkningsdirektivet (2017/1369/EU) för varan?

Ej relevant

9

RIVNING

Kräver varan särskilda åtgärder för skydd av hälsa och miljö vid rivning/demontering?

Nej

10

AVFALLSHANTERING

Omfattas den levererade varan av förordningen (2014:1075) om producentansvar för elektriska och elektroniska produkter när den blir avfall?

Nej

Är återanvändning möjlig för hela eller delar av varan?

Nej

Är materialåtervinning möjlig för hela eller delar av varan?

Ja

Återvinns som plast

Är energiåtervinning möjlig för hela eller delar av varan?

Ja

Kan förbrännas.

Har leverantören restriktioner och rekommendationer för återanvändning, material- eller energiåtervinning eller deponering?

Nej

När den levererade varan blir avfall, klassas den då som farligt avfall?

Nej

Avfallskod (EWC) för den levererade varan

170203

RSK-nummer	Eget Artikel-nr	GTIN
	0667666	
		7333123850911

Produktdatablad

Prestandadeklaration

Säkerhetsblad

RoHS-intyg

Miljövarudeklaration EPD pellets.pdf

Skötselansvisning

Övriga bifogade dokument

Environmental Product Declaration



In accordance with ISO 14025:2006 for:

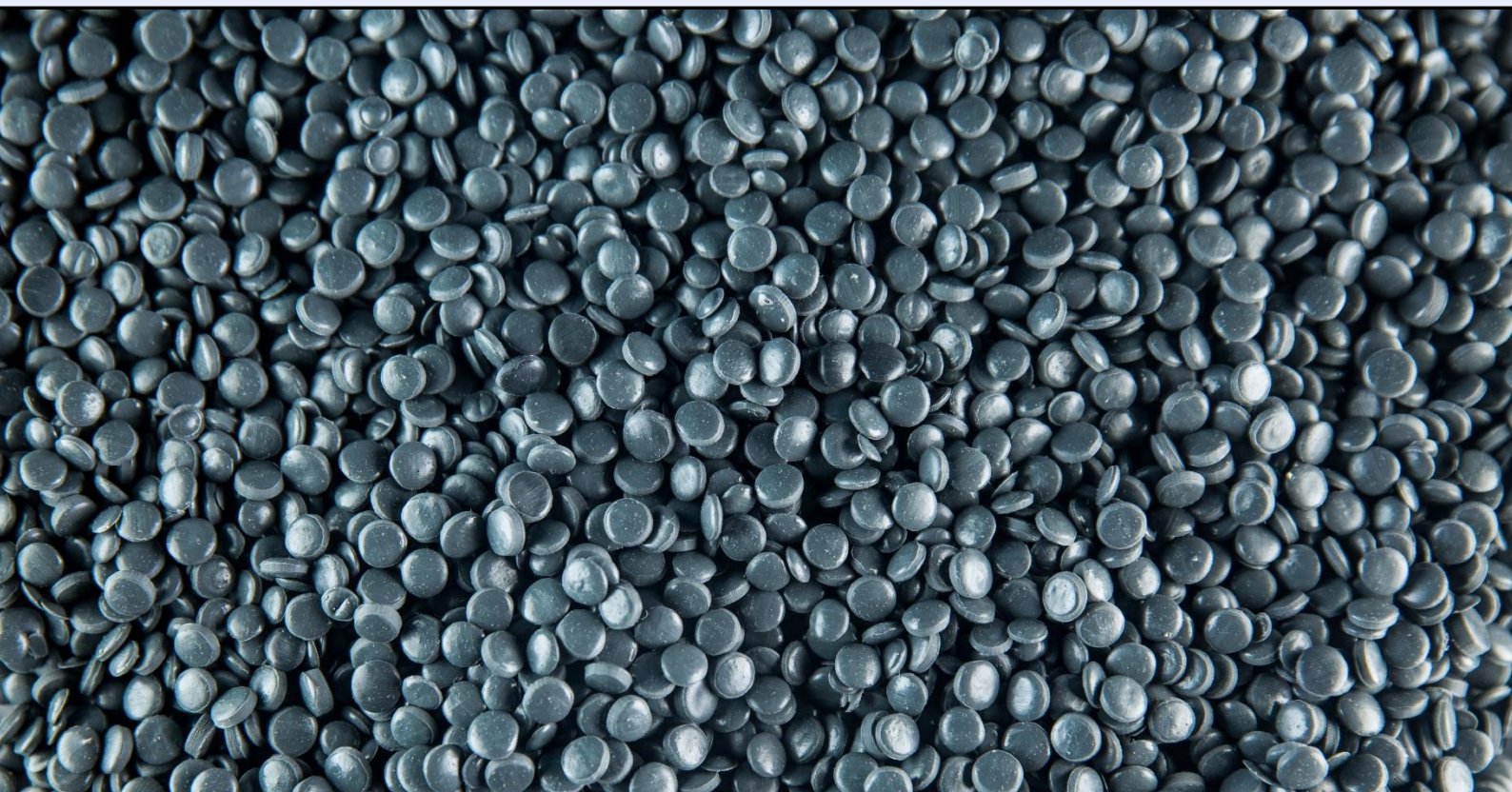
PE pellets made from recycled post-consumer packaging wastes

from



Programme:	The International EPD® System, www.environdec.com
Programme operator:	EPD International AB
EPD registration number:	EPD-IES-0012215 (S-P-12215)
Publication date:	2024-07-17
Valid until:	2029-07-16

An EPD should provide current information and may be updated if conditions change. The stated validity is therefore subject to the continued registration and publication at www.environdec.com



General information

Programme information

Programme:	The International EPD® System
Address:	EPD International AB Box 210 60 SE-100 31 Stockholm Sweden
Website:	www.environdec.com
E-mail:	info@environdec.com

Accountabilities for PCR, LCA and independent, third-party verification
Product Category Rules (PCR)
Product Category Rules (PCR): PCR 2010:16 Plastics in primary forms (version 4.0.0)
PCR review panel: The Technical Committee of the International EPD System. See www.environdec.com for a list of members. The review panel may be contacted via info@environdec.com . Chair of the PCR review: Poala Borla
Life Cycle Assessment (LCA)
LCA accountability: Silvija Serapinaitė, UAB "Vesta Consulting"
Third-party verification
Independent third-party verification of the declaration and data, according to ISO 14025:2006, via: <input checked="" type="checkbox"/> EPD verification by individual verifier Third-party verifier: Prof. Ing. Vladimír Kočí, PhD., vladimir.koci@lca.cz Approved by: The International EPD® System Procedure for follow-up of data during EPD validity involves third party verifier: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

The EPD owner has the sole ownership, liability, and responsibility for the EPD.

EPDs within the same product category but from different programmes may not be comparable.

Company information

Owner of the EPD: SOMLITA UAB

Contact: info@somlita.lt; www.somlita.lt

Description of the organisation: Somlita UAB company was founded in 1995, when its first unit (polyethylene film production department) was opened. Since then, and until today, the production has increased 10 times. The mission of the company is, by the means of modern technology and experienced staff, to become an attractive and professional business partner focused on the high quality of products and competitive prices. The vision of the company is to be the best in its field and to introduce quality products that meet the needs of all interested parties. To repay the debt to nature now by applying the necessary recycling experience and ability to produce the highest quality secondary raw materials every year even more and more.

We are constantly improving operational processes and expanding economical and technical capabilities in order to ensure as minimum impact on nature as possible. By recycling plastic packaging, we contribute to the reduction of CO₂.

Name and location of production site(s): UAB Somlita, Rieveses g. 4, Riese, Avizieniu sen. 14266 Vilniaus raj. Lithuania.

Product information

Product name: PE pellets made from recycled post-consumer packaging wastes

Product description: Recycled PE pellets from recycled low-density polyethylene or linear low-density polyethylene.

Product application: Recycled polyethylene pellets for further processing within the production of blown films, moulded pipes etc.

Technical specifications:

Density 0.92 g/cm³ (+-0,01 g/cm³)

Melting index 0.3 - 3.0 g/10min

Humidity <0.1%

Product standards: Recycled PE pellets are manufactured in compliance with EU Directives. Recycled PE pellets are manufactured in compliance with these European standards which specify all requirements for factory made products:

- a) EN 15344
- b) EN 12099
- c) EN ISO 1183-1
- d) EN ISO 1133-1
- e) EN ISO 3451-1

UN CPC code: 3479

Geographical scope: Europe

LCA information

Declared unit: The declared unit is 1 kg of product, including its packaging (the weight of the packaging is not included in this 1 kg).

Time representativeness: Primary data was collected internally. The production data refers to the average of the year 2022.

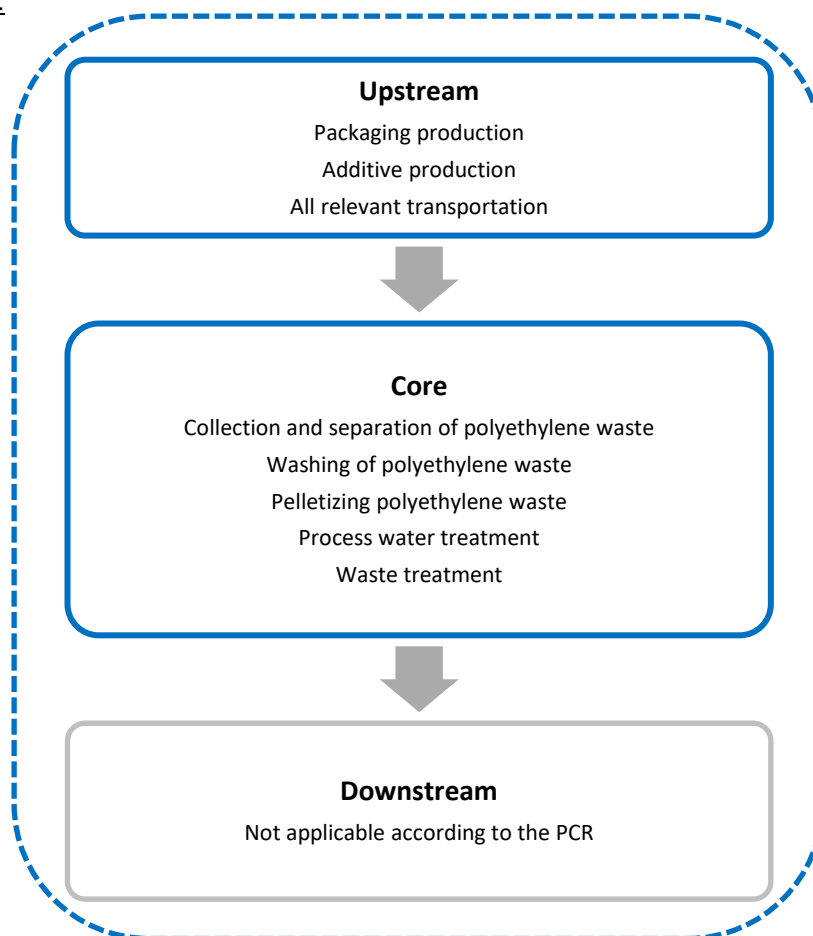
Database(s) and LCA software used: The Ecoinvent database provides the life cycle inventory data for the raw and processed materials obtained from the background system. The used database is Ecoinvent 3.8. The LCA software used is One Click LCA.

Data quality: The foreground data collected internally is based on yearly production amounts and extrapolations of measurements on specific machines and plants. Overall, the data quality can be described as good. The primary data collection has been done thoroughly.

Cut-off criteria: Life cycle inventory data for a minimum of 99% of total material and energy input flows have been included in the life cycle analysis. Although only materials having in summa less than 1% of weight of product were not used in calculations.

Description of system boundaries: The scope for this study is cradle to gate. The system boundaries are illustrated in the figure below and include the production phase of the primary raw materials (upstream processes) and the production phase of the product (core processes).

System diagram:



Product life-cycle

Upstream processes – pre-production phase

This phase includes production of additives and packaging materials as well as all relevant transportation to the production plant.

Core processes – production phase

Core processes include all processing. It has considered all the energy consumption in the production plant and end-of-life treatment of manufacturing waste.

Downstream processes – post-production phase

Not applicable according to the PCR.

Manufacturing process

1. Reception and preparation of polyethylene waste

Polyethylene waste is accepted from companies that collect and separate, as well as from companies that generate polyethylene waste during production. The waste received is recorded in a waste record book.

Only polyethylene waste shall be sorted and separated. After sorting secondary raw materials, the remaining non-recyclable waste is transferred to a waste management company under contract.

2. Washing of polyethylene waste

Polyethylene waste shall be crushed and moistened with water. The shredded film is fed into the first screw pressure washer, where rotating discs and a high-pressure water jet wash the recyclable material. From the first scrubber, the raw material is fed into a separation bath, where dirt is deposited and discharged into the wastewater network. The waste is washed in a recirculation system. After the separation bath, the raw material is fed into a second screw pressure washer for washing and water separation. The raw material is then dried by centrifuge and fan and, ready for further processing, is transported by fans to the granulation line.

3. Pelletizing polyethylene waste

Polyethylene pellets are produced on three different types of process lines:

- The crushing line is designed for processing massive waste. This equipment is used to crush the waste. The crushed waste is discharged into the pellet hopper and the discharge hopper through a screen in the lower part of the housing. The mesh size of the sieve determines the size of the resulting pellets.
- The agglomerating-pelletising line is designed to process thick film waste.
- The hot direct pelletizing line is designed to process waste film.

The wash water generated by the washing of the polyethylene waste is flushed through filters into a reservoir by means of a closed loop circulating water circuit. All the wash water is discharged from the reservoir into the wastewater network. The shredded polyethylene retained in the filters is transferred to the contracted waste management company.

Content information

Product components	kg	%	Environmental / hazardous properties
Polyethylene	0.99	99	Recycled
Desiccants	0.01	1	Non-hazardous
TOTAL	1	100	

Product does not contain any of high concern dangerous substances according to the REACH classification list.

Packaging

Recycled PE pellets are packed in polypropylene bags. Pallets are also used for packaging but is considered to be reused and are therefore not included in this EPD.

Recycled material

PE pellets are made from recycled post-consumer packaging wastes.

Results of the environmental performance indicators

The estimated impact results are only relative statements, which do not indicate the endpoints of the impact categories, exceeding threshold values, safety margins and/or risks.

Impact category indicators

Results per functional or declared unit						
Indicators		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	3.83E-02	1.26E-01	MNR	1.64E-01
	Biogenic	kg CO ₂ eq.	0.00E+00	0.00E+00	MNR	0.00E+00
	Land use and land transformation	kg CO ₂ eq.	2.08E-05	1.43E-04	MNR	1.64E-04
	TOTAL	kg CO ₂ eq.	3.83E-02	1.26E-01	MNR	1.64E-01
Ozone layer depletion (ODP)		kg CFC 11 eq.	7.35E-09	5.10E-09	MNR	1.25E-08
Acidification potential (AP)		mol H ⁺ eq.	1.64E-04	6.22E-04	MNR	7.86E-04
Eutrophication potential (EP)	Aquatic freshwater	kg P eq.	4.62E-07	3.26E-06	MNR	3.72E-06
	Aquatic marine	kg N eq.	4.49E-05	2.78E-04	MNR	3.23E-04
	Aquatic terrestrial	mol N eq.	4.96E-04	2.62E-03	MNR	3.12E-03
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	1.62E-04	6.84E-04	MNR	8.46E-04
Abiotic depletion potential (ADP)*	Metals and minerals	kg Sb eq.	1.21E-07	2.53E-06	MNR	2.65E-06
	Fossil resources	MJ, net calorific value	6.78E-01	3.73E-01	MNR	1.05E+00
Water deprivation potential (WDP)*		m ³ world eq. deprived	4.97E-03	3.01E-02	MNR	3.51E-02

*MNR – module not relevant

Resource use indicators

Results per functional or declared unit						
Indicators		Unit	Upstream	Core	Downstream	Total
Primary energy resources – Renewable	Use as energy carrier	MJ, net calorific value	1.10E-02	4.63E+00	MNR	4.64E+00
	Used as raw materials	MJ, net calorific value	0.00E+00	0.00E+00	MNR	0.00E+00
	TOTAL	MJ, net calorific value	1.10E-02	4.63E+00	MNR	4.64E+00
Primary energy resources – Non-renewable	Use as energy carrier	MJ, net calorific value	5.93E-01	3.73E-01	MNR	9.66E-01
	Used as raw materials	MJ, net calorific value	0.00E+00	0.00E+00	MNR	0.00E+00
	TOTAL	MJ, net calorific value	5.93E-01	3.73E-01	MNR	9.66E-01
Secondary material		kg	1.42E-04	1.15E+00	MNR	1.15E+00
Renewable secondary fuels		MJ, net calorific value	2.07E-06	6.11E-06	MNR	8.18E-06
Non-renewable secondary fuels		MJ, net calorific value	0.00E+00	0.00E+00	MNR	0.00E+00
Net use of fresh water		m ³	1.35E-04	3.51E-04	MNR	4.86E-04

Waste indicators

Results per functional or declared unit					
Indicators	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	9.56E-04	4.62E-03	MNR	5.58E-03
Non-hazardous waste disposed	kg	1.86E-02	2.02E-01	MNR	2.21E-01
Radioactive waste disposed	kg	3.28E-06	1.63E-06	MNR	4.91E-06

Output flow indicators

Results per functional or declared unit					
Parameters	Unit	Upstream	Core	Downstream	Total
Components for re-use	kg	0.00E+00	0.00E+00	MNR	0.00E+00
Material for recycling	kg	0.00E+00	6.00E-03	MNR	6.00E-03
Materials for energy recovery	kg	0.00E+00	1.65E-01	MNR	1.65E-01
Exported energy, electricity	MJ	0.00E+00	0.00E+00	MNR	0.00E+00
Exported energy, thermal	MJ	0.00E+00	0.00E+00	MNR	0.00E+00

Additional environmental information

Manufacturing energy scenario documentation

Scenario parameter	Value, CO ₂ eq/kWh	Source
Electricity production, hydro, run-of-river	0.0042	Data source: ecoinvent 3.8 Country: Lithuania
Electricity production, wind, >3MW turbine, onshore	0.0938	Data source: ecoinvent 3.8 Country: Lithuania
Electricity production, photovoltaic, 570kwp open ground installation, multi-si	0.0789	Data source: ecoinvent 3.8 Country: World
Heat and power co-generation, wood chips, 6667 kW (Reference product: electricity)	0.0499	Data source: ecoinvent 3.8 Country: Lithuania
Total	0.065	

References

ISO 14025:2010 Environmental labels and declarations – Type III environmental declarations. Principles and procedures.

ISO 14040:2006 Environmental management. Life cycle assessment. Principles and frameworks.

ISO 14044:2006 Environmental management. Life cycle assessment. Requirements and guidelines.

ISO 14020:2022 Environmental statements and programmes for products. Principles and general requirements

General Programme Instructions of the International EPD® System. Version 4.0.

PCR 2010:16 Plastics in primary forms (version 4.0.0)

PE pellets made from recycled post-consumer packaging wastes LCA background report

Ecoinvent database v3.8 (2021) and One Click LCA database.

