

Product Handling Information Sheet

PE 1000 natural

Product Details

Product / Article	Engineering semi-finished product
Abbreviated Term	PE-UHMW
Material Characterisation	Thermoplastic
Main Components	Polyethylene (ultra-high molecular weight)
Components Subject to Labelling	none

Product Characteristics

Form / State	solid
Colour	natural (whitish)
Odour	odourless
Density	0.93 g / cm ³
Melting range	130 ... 135 °C
Glass transition temperature	–
Thermal decomposition	–
Flash point	–
Ignition temperature	–

Hazard Warnings

Special risks for mankind and the environment	none
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Handling and Storage

Handling	The product can be processed with conventional machines and tools. Before machining, the product should be at room temperature and/or stored for at least 24 hours under normal ambient conditions.
Storage	horizontally, dry, protected from weather influences
Safety measures	–
Shelf life	–

Transport

Transport	Not classified as a dangerous good under transport regulations.
Finished product packing	–

Fire-Fighting Measures

Suitable extinguishing agents	Water, foam, dry extinguishing media, CO ₂
Potential combustion products	Carbon monoxide, carbon dioxide
Necessary protective equipment	Firefighters and others exposed to combustion products should wear full protective clothing and self-contained breathing apparatus.
Note	Molten product should be cooled with a water spray. Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

Removal

Recyclability	Check the possibility of recycling.
Classification under the European Waste Catalogue (EWC)	The product is not classified as hazardous.
Waste disposal	Disposal by landfill or incineration in compliance with applicable state and local regulations.
Waste code (EWC)	• 12 01 05 – plastics shavings and turnings • 07 02 13 – waste plastic

Marking

Marking in accordance with EC directive	not subject to labelling
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Information about REACH

Classification	According to EC directive 1907/2006/EC (REACH), Article 3, No. 3, our products are clearly defined as "articles" and are exempt from registration.
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Other Information

Note	All information above is based on our current state of knowledge and does not constitute a guarantee of specific properties. Applicable laws and regulations must be observed by the recipient of our products on their own responsibility.
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