

Product and handling information for

ORBILAN PE 1000, pressed

Colour: natural or coloured

Manufacturer

Name / address: ORBILAN GmbH Kunststoffwerk
Eichenkamp 34
48720 Rosendahl-Osterwick
Germany

phone: +49 2547 9301 0
fax: +49 2547 9301 15
e-Mail: Info@ORBILAN.de
internet: www.ORBILAN.de

Product Description

Product: technical semi-finished product or finished product
Trade name: ORBILAN PE 1000, pressed
Abbreviation: PE-UHMW, PE 1000
Characterisation: semi crystalline thermoplastic polymer
Main ingredients: polyethylene, may contain additives and/or colour pigments if necessary
Classification according Reach: article

Product Characteristics

Physical state: solid
Colour: nature, other colours are possible
Odour: not applicable
Density: 0,93 g/cm³
Melting range: 100 °C ... 140 °C
Thermal decomposition: ≥ 300 °C
Auto-ignition temperature: ≥ 300 °C

Hazards

Particular hazards for human and environment: none

Handling and Storage

Handling:	The product can be machined with usual machines and tools. Prior machining make sure that product is at room temperature.
Storage recommendations:	horizontal, dry, protected against weather influences
Safety measures:	-

Transportation Information

Hazardous goods regulation:	This product is considered as non-hazardous product.
Load securing on roads:	DIN EN 12195-1 has to be considered and fulfilled.
Labelling obligation:	The product is not subject to labelling according current EC regulations or other known sources of literature.
Particular national regulations:	none

First Aid Measures

General information:	No special measures required.
Inhalation:	Provide fresh air, seek medical attention if symptoms develop or persist.
Skin contact:	Wash affected area with soap and water.
Eye contact:	Flush eyes with water for several minutes, while holding the eyelid open. Seek medical attention if symptoms develop or persist.
Swallowing:	Seek medical attention if symptoms develop or persist.

Fire-Fighting Measures

Suitable extinguishing agents:	water, foam, dry powder, carbon dioxide
Possible combustion products:	Carbon monoxide and carbon dioxide can be released during combustion.
Necessary protective equipment:	Complete protective equipment for fire fighters, use self-contained breathing apparatus.

Information on Disposal

Recommendation:	Consider recycling.
Contaminated material:	Disposal according to the applicable regulations.

Information on REACH

According to Regulation (EC) no. 1907/2006, safety data sheets must be provided for hazardous substances and preparations. According to Regulation (EC) no. 1907/2006, our products are considered as articles for which no safety data sheet is requested.

Other Information

This product information is for informational purpose only. It cannot be seen as a warranty. The information is based on our present know-how and experience. We strongly recommend doing application tests because of the different influences of processing. Existing laws and regulations must be observed by the recipient of our products at his own responsibility.

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48720 Rosendahl
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Telefon: +49 2547 9301 0
Telefax: +49 2547 9301 15
E-Mail: info@ORBILAN.de
Internet: www.ORBILAN.de

Hauptsitz:
Handelsregister:
Handelsregister-Nr.:
VAT-ID:
Steuernummer.:
Rosendahl, Germany
Amtsgericht Coesfeld
HR B 1368
DE 124468483
312 5821 0940

Geschäftsführer
Josef Schwietering
Stefan Wüpping
Marco Schwietering
Detlev Nöldge