

Product and handling information for

## ORBILAN PE 500, extruded

Colour: natural or coloured

### Manufacturer

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### Product Description

Product: technical semi-finished product or finished product  
Trade name: ORBILAN PE 500, extruded  
Abbreviation: PE-HMW, PE 500  
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: 0,95 g/cm<sup>3</sup>  
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

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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

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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

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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

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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

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

## Information on REACH

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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

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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.

### **ORBILAN GmbH Kunststoffwerk**

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