

Product Handling Information Sheet

PI Polyimide Tecasint® 1011 natural

Product Details

Product / Article	Engineering semi-finished product
Chemical Designation	PI (Polyimide)
Material Characterisation	High-performance thermoplastic, unfilled
Main Components	Polyimide resin
Components Subject to Labelling	none

Product Characteristics

Form / State	solid
Colour	black
Odour	-
Density	1.34 g / cm ³
Glass transition temperature	383 °C
Thermal decomposition	-
Ignition temperature	-

Hazard Warnings

Special risks for mankind and the environment	none known
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Handling and Storage

Handling	The product shows significant water uptake. Before rapid heating above 200 °C, pre-drying is required (2 hours per 3 mm wall thickness at 150 °C) to avoid blistering or cracking.
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, nitrogen oxides
Necessary protective equipment	Firefighters and others exposed to combustion products should wear full protective clothing and self-contained breathing apparatus.
Note	Molten/burning 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 regulation 1907/2006 (REACH), Article 3, No. 3, our products are clearly defined as "articles" and are exempt from registration. The REACH regulation requires safety data sheets only for hazardous substances and preparations. As we manufacture articles, we are not required under REACH to issue safety data sheets.
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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. The product is not intended for medical or dental implants. Applicable laws and regulations must be observed by the recipient of our products on their own responsibility.
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