

## Product Handling Information Sheet

**SUSTATRON PPS MOD****1. Manufacturer**

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**2. Product description**

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Product/Article: Engineering semi-finished product

Standard short-cut: PPS

Material characterisation: Thermoplastics

Main components: polyphenylene sulfide,  
contains solid lubricant, fibre and evtl. colour pigments

Marking obligation components: none

Classification according REACh: Article

Notes: -

**3. Product properties**

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Form: solid

Colour: standard: blue

Odour: odourless

Density (g/cm<sup>3</sup>): 1,44 g/cm<sup>3</sup>

Melting range: 280 °C

Glass transition temperature: - °C

Thermal decomposition: >280 °C

Ignition temperature: >480 °C

Notes: -

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### 4. Risks

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Special risks for mankind and the environment: none

Notes: -

### 5. Handling and storage

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Handling: The product can be machined with standard machinery and tools. Before machining the product should be exposed to room temperature, resp. stored at room temperature 24 h before machining.

Storage: horizontal, dry, protection against climatic influence

Safety measures: -

Notes: -

### 6. Transport

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Transport: Not classified as hazardous good under transport regulations.

Notes: -

### 7. Fire fighting

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Suitable extinguishing agents: water, foam, dry extinguishing media, carbon dioxide

Potential combustion products: carbon monoxide, sulfur dioxide, hydrogen fluoride

Special protection equipment: Fire fighters and others exposed to combustion products should wear full protective clothing and self-contained breathing apparatus.

Notes: Molten product should be cooled by water spray. Dispose fire debris and contaminated extinguishing water in accordance with local regulations.

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### 8. Removal

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Recyclability:	Check for possible recycling.
European waste catalogue:	According the European waste catalogue (EAK) the product is not classified as hazardous.
Waste code:	12 01 05 Plastic shavings and turnings 07 02 13 Waste plastics
Waste removal:	Waste disposal by landfill or incineration in compliance with state and local regulations.
Notes:	-

### 9. Marking and guidelines

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Marking in accordance with EEC guidelines:	not subject to labelling
Other guidelines:	-
Notes:	-

### 10. Informations about REACH

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According to EC directive 1907/2006/EC (REACH), Article 3, no.3 our products are clearly defined as articles, exempt from registration. The EU regulation about chemicals no. 1907/2006 (REACH), which came into force 01 st of June 2007, prescribes Material Safety Data Sheets only for dangerous substances and preparations. According to REACH we are manufacturing articles and, therefore, not required to issue safety sheets.

### 11. Other informations

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All above mentioned information are based on our current state of knowledge and ensure no warranty of quality. Existing laws and regulations have to be observed by the recipient of our products on his own authority.