

Product Handling Information Sheet

HGW 2088

1. Company

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2. Product Description

Product/Article	Technical semi-finished product (round bar)
Standard designation	Hgw 2088 (DIN 7735) / PF CC 42 (EN 60893)
Characterisation	Thermoset laminate (wound fabric laminate, round bar)
Main constituents	• Phenol-formaldehyde resin • Cotton fabric (wound)
Constituents subject to labelling	none
Classification under REACH	Article
Notes	Not declared as a food-contact material.

3. Product Properties

Form/State	• solid (thermoset)
Colour	brown
Odour	• nearly odourless
Density	1.3 g/cm ³
Glass transition temperature	– (thermoset, no melting point)
Limit temperature (continuous use)	120 °C (thermal class E)
Thermal decomposition	chars/decomposes at high temperature (does not melt)
Flammability	comparable to other cotton-fabric laminates per DIN 7735
Notes	Wound construction, specifically designed for round-bar manufacturing.

4. Hazard Information

Special hazards to humans and the environment	none (in cured state)
Notes	Resin/fabric dust generated during machining (especially turning) should not be inhaled. Overheating or combustion can release harmful decomposition products (including formaldehyde, ammonia).

5. Handling and Storage

Handling	- The product can be machined with standard commercial machinery (mainly turning, also milling, drilling). - Prior to machining, the product should be at room temperature, or stored for at least 24 h in standard climate beforehand. - Ensure adequate dust extraction during machining (resin/fabric dust); use sharp, carbide-tipped tools. - As a thermoset, cannot be reshaped or welded.
Storage recommendation	- horizontal - dry - protected from moisture - protected from direct UV/sunlight
Protective measures	Respiratory protection / extraction if dust is generated
Shelf life	–
Notes	–

6. Transport

Transport	Not classified as dangerous goods under transport regulations.
Packaging	–
Notes	–

7. Fire-Fighting Measures

Suitable extinguishing media	• Water • Foam • Dry extinguishing agent • CO2
Possible combustion products	• Carbon monoxide • Carbon dioxide • Formaldehyde • Ammonia • Nitrogen oxides
Required protective equipment	• Firefighters and others exposed to combustion products should wear full protective clothing and self-contained breathing apparatus.
Notes	Collect fire residues and dispose of in accordance with local regulations.

8. Disposal Information

Recyclability	Thermoset; material recycling only possible to a limited extent, consider thermal recycling.
EU waste catalogue	The product is not classified as hazardous under the European Waste Catalogue (EAK).
Disposal	The material may be sent to a suitable incineration plant in accordance with local regulations.
Waste code no.	• 07 02 13 - plastic waste • 17 02 03 - plastics (construction)
Notes	-

9. Labelling, Directives and Regulations

Labelling under EEC directives	not subject to labelling
Notes	-

10. REACH Information

Information	Under EC Directive 1907/2006/EC (REACH), Article 3, No. 3, our products are articles that are not subject to registration. The European Chemicals Regulation (EC) No. 1907/2006 (REACH), which entered into force on 1 June 2007, requires safety data sheets (SDS) only for hazardous substances and preparations. Our products are articles under REACH, so no SDS requirement applies.
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11. Other Information

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