

Product Handling Information Sheet

PF CC 203 (Hgw 2083)

1. Company

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2. Product Description

Product/Article	Technical semi-finished product (sheet / rod / moulded part)
Standard designation	PF CC 203 (EN 60893) / Hgw 2083 (DIN 7735)
Characterisation	Thermoset laminate (fine-fabric-based industrial laminate)
Main constituents	• Phenol-formaldehyde resin • Fine cotton fabric
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	1.36 g/cm ³
Glass transition temperature	– (thermoset, no melting point)
Limit temperature (continuous use)	110 °C (thermal class E)
Thermal decomposition	chars/decomposes at high temperature (does not melt)
Flammability	resistance to glow heat 2b (DIN 53459)
Notes	Finer fabric structure than Hgw 2082, smoother surface.

4. Hazard Information

Special hazards to humans and the environment	none (in cured state)
Notes	Resin/fabric dust generated during machining 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 (sawing, milling, turning, 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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