

Product Handling Information Sheet

PF CC 204

1. Company

Name/Address

Liedtke Kunststofftechnik

Siemensstr. 32a, 42551 Velbert/Germany (DE) • Tel. +49 2051 605 105

info@liedtke-kunststofftechnik.de • www.liedtke-kunststofftechnik.de

2. Product Description

Product	Technical semi-finished product (sheet / rod)
Standard designation	PF CC 204 acc. EN 60893 / Hgw 2083.5 acc. DIN 7735 (phenolic fabric laminate)
Characterisation	Thermoset laminate made of fine cotton fabric webs, impregnated with phenol-formaldehyde resin and pressed under heat/pressure
Main components	• Phenol-formaldehyde resin • Fine cotton fabric reinforcement
Components requiring labelling	none
Classification under REACH	Article
Notes	Not declared as a food contact material.

3. Product Properties

Form/State	• solid (thermoset)
Colour	brown
Odour	• odourless to slightly characteristic
Density	1.3-1.4 g/cm ³ (typically 1.36)
Limiting temperature (continuous use)	110 °C (thermal class E)
Combustion behaviour	not flame-retardant (standard grade); resistance to glowing 2b (DIN 53452)
Notes	Absorbs a small, and compared with standard cotton fabric reduced, amount of moisture; this may cause a slight change in electrical values.

4. Hazard Information

Particular hazards to humans and the environment	none (in cured state)
Notes	Dust generated during machining should not be inhaled. Overheating or burning may release hazardous decomposition products (including phenol, formaldehyde, carbon monoxide). The cotton fabric reinforcement contains no nitrogen in its molecular structure; under normal conditions no relevant formation of nitrogen oxides is expected.

5. Handling and Storage

Handling	• The product can be machined with standard commercial machinery (sawing, milling, turning, drilling). • Ensure dust extraction during machining. • Use sharp, carbide-tipped tools. • As a thermoset, it cannot be reshaped or welded.
Storage recommendation	• horizontal • dry • protected from direct UV/sunlight exposure • protected from contamination
Protective measures	Extraction / respiratory protection in case of dust formation
Shelf life	–
Notes	–

6. Transport

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

7. Fire-Fighting Information

Suitable extinguishing media	• Water • Foam • Dry extinguishing agent • CO₂
Possible combustion products	• Carbon monoxide • Carbon dioxide • Phenol • Formaldehyde • Smoke gases
Required protective equipment	• Firefighters and others exposed to combustion products should wear full protective clothing and self-contained breathing apparatus.
Notes	Ignition temperature approx. 500-580 °C (typical for phenolic thermoset laminates); collect fire residues and dispose of them in accordance with local regulations.

8. Disposal Information

Recyclability	Thermoset; material recycling not possible, thermal recovery possible.
EU Waste Catalogue	The product is not classified as hazardous under the European Waste Catalogue (EWC).
Disposal	Dispose of in suitable incineration plants in accordance with local regulations.
Waste code no.	• 07 02 13 - plastic waste
Notes	-

9. Labelling, Directives and Regulations

Labelling under EEC directives	not subject to labelling requirements
Notes	-

10. REACH Information

Information	In accordance with EC Directive 1907/2006/EC (REACH), Article 3, No. 3, our products are articles that are not subject to registration. Our products are articles under REACH, therefore 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 warranty of properties. Existing laws and regulations must be observed by the recipient of our product on their own responsibility.
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