

Product-Handling-Information Sheet

Durostone® EPC 205

1. Company

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2. Product details

Product/Article: Technical semi-finished product or machined part
Abbreviated terms: EPGC 205
Material characterisation: Glass-fiber reinforced epoxy resin in hardened condition
Main components: Glass-fiber, Epoxy resin, Additives
Components subject to labelling: None
Classification according to REACH: Article
Notes: -

3. Product characteristics

Form/State: Firm
Colour: Natural or coloured
Odour: Typical material smell
Density: 1,75 – 2,00 g/cm³ (ISO 1183)
Melting range: -
Glass transition temperature: > 130°C
Thermal decomposition: None, with intended use
Ignition temperature: -
Notes: -

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4. Danger warnings

Special risks for mankind and the environment: None

Notes: According to IARC glass fibre filaments cannot be classified as carcinogenic with humans (IARC group 3).
The diameter of the glass fibre filaments which are used in this laminated material is outside of the lung-usual range from 3 µm so that the danger of chronic lung damage is minimal. The diameter of the used glass fibre filaments amounts to 5 – 16 µm (typical 12 µm). Their diameter is not reduced by treatment of these fibres, i. e. it's potential lung freedom of movement does not increase.

5. Handling and Storage

Handling: Product can be machined with usual equipment and tools

For the machining special tools should be used such as tungsten carbides drill, PKD or diamond-equipped tools

Storage: Horizontally, dry, protected against frost and climatic influences

Safety measures: Provide effective dust extraction when processing and machining

Carry protective mask and protective goggles at dusty condition

Notes: -

6. Transport

Transport: Non dangerous goods according to the transport regulations

Secure against slipping

Notes: -

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7. Fire – fighting measures

Suitable extinguishing agents:	Water, sand, foam, carbon dioxide (CO ₂)
Potential combustion products:	CO, CO ₂ , and other toxic gases
Necessary protection equipment:	Complete protection equipment for fire-brigade Use self-contained air respirators during strong smoke and steam development
Notes:	-

8. Disposal references

Recyclability:	Check possibility of recycling
EC Waste Catalogue:	The product is classified in accordance with the European-Waste Catalogue (EWC) as "Not dangerous"
EC Waste Code:	101103 Glass-based fibrous materials
Waste removal:	Has to be conveyed to a suitable dumping site or combustion plant in accordance with local regulations
Notes:	-

9. References to marking, guidelines and regulations

Marking in accordance with EEC-guidelines:	No labelling required
Other guidelines:	-
Notes:	-

10. Information about REACH

In accordance with the EU directive 1907/2006/EC (REACH), article 3, no. 3, our products are clearly defined as articles not subject to registration.

The European directive regarding chemicals no. 1907/2006 (REACH) enforced on 1st June 2007 stipulates Material Safety Data Sheets (MSDS) only for dangerous substances and preparations. Our products do not fall under this scope of REACH.

11. Other information

The information in this document are based on our today's knowledge and represent no affirmation of characteristics. Existing laws and regulations are to be observed by the user of our product within his own responsibility.