

Product Handling Information Sheet

PEEK GF30 natural

1. Company

Name/Address

- Liedtke Kunststofftechnik
- Siemensstr. 32a, 42551 Velbert/Germany (DE) • Phone +49 2051 605 105
- info@liedtke-kunststofftechnik.de • www.liedtke-kunststofftechnik.de

2. Product Description

Product/Item	Technical semi-finished product
Standard designation	PEEK GF30 (PEEK, glass-fibre reinforced 30 %)
Characterisation	High-performance thermoplastic based on polyetheretherketone, reinforced with 30 % glass fibres for high stiffness, dimensional stability and heat deflection temperature; electrically insulating
Main components	• Polyetheretherketone (PEEK) • Glass fibres (approx. 30 %)
Components requiring labelling	none
Classification according to REACH	Article
Notes	–

3. Product Properties

Form/State	• solid
Colour	natural (grey-beige)
Odour	• odourless
Density	1.51 g/cm ³
Melting range	343 °C
Glass transition temperature	–
Thermal decomposition	>300 °C
Flash point	–
Ignition temperature	>400 °C
Notes	–

4. Hazard Information

Special hazards to humans and the environment	none
Notes	–

5. Handling and Storage

Handling	- The product can be machined with commercially available machines; carbide or diamond tools are recommended due to the glass-fibre reinforcement. - Before machining, the product should be at room temperature, i.e. stored for at least 24h under standard atmospheric conditions prior to machining. - Fibre-containing dust generated during machining must be extracted; avoid skin and eye contact with chips.
Storage recommendation	- horizontal - dry - protected from weather influences
Protective measures	In case of dust formation, use extraction, safety goggles and, if necessary, respiratory protection (particle filter).
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 - Traces of phenols and aromatics - Glass fibre residues (non-combustible)
Required protective equipment	Firefighters and others exposed to combustion products should wear full protective clothing and self-contained breathing apparatus.
Notes	Cool molten product with water. Collect firefighting water and combustion residues and dispose of them in accordance with local regulatory requirements.

8. Disposal Information

Recyclability	Check possibility of recycling.
EU Waste Catalogue	The product is not classified as hazardous according to the European Waste Catalogue (EWC).
Disposal	The material can be disposed of as household waste or sent to a suitable incineration plant, in compliance with local regulations.
Waste code no.	• 12 01 05 - plastics shavings and turnings • 07 02 13 - waste plastic
Notes	–

9. Labelling, Guidelines and Regulations

Labelling according to EEC guidelines	not subject to labelling requirements
Notes	–

10. Information on REACH

Information	According to 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.
-------------	--

11. Other Information

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