

Product Handling Information Sheet

PBT GF30 natural

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 details

Product/Article	Engineering semi-finished product
Abbreviated terms	PBT, glass-fibre reinforced 30 %
Material Characterisation	Thermoplastic based on polybutylene terephthalate, reinforced with 30 % glass fibres
Main Components	• polybutylene terephthalate (PBT) • glass fibres (30 %) • colour pigments, if applicable
Components Subject to labelling	none
Classification according to REACH	Article
Notes	-

3. Product characteristics

Form/State	• solid
Color	natural
Odour	• odourless
Density	1.46 g/cm ³
Melting range	224 °C
Glass transition temperature	-
Thermal decomposition	>300 °C
Flash point	-
Ignition temperature	>400 °C
Notes	-

4. Danger warnings

Special Risks For Mankind And The Environment	none
Notes	Glass-fibre dust generated during machining may be mechanically irritating; use suitable extraction and respiratory protection where required.

5. Handling and Storage

Handling	- Product can be worked with conventional machines and tools. - The glass-fibre content causes faster tool wear; carbide tools and good extraction of the abrasive dust are recommended. - Because PBT GF30 absorbs very little moisture, conditioning before machining is generally not required.
Storage	- horizontally - dry - protected against climatic influences
Safety measures	Use extraction and respiratory protection against glass-fibre dust during machining.
Shelf Life	-
Notes	-

6. Transport

Transport	Not classified as hazardous good under transport regulations.
Finished Product Packing	-
Notes	-

7. Fire-fighting measures

Suitable extinguishing agents	- water - foam - dry extinguishing media - CO2
Potential combustion products	- carbon monoxide - carbon dioxide - traces of organic decomposition products
Necessary protection equipment	Fire fighters and others exposed to combustion products should wear full protective clothing and self-contained breathing apparatus.
Notes	Molten product should be cooled with water. Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

8. Removal

Recyclability	Check possibility of recycling.
EC Waste Catalog	According to the European waste catalogue (EAK), the product is not classified as hazardous.
Waste Removal	Waste disposal by landfill or incineration in compliance with state and local regulations.
EC Waste Code	• 12 01 05 - plastics shavings and turnings • 07 02 13 - waste plastic
Notes	–

9. Marking and Guidelines

Marking in accordance with EEC Guideline	not subject to labelling
Notes	–

10. Information about REACH

Information about REACH	According to EC directive 1907/2006/EC (REACH), Article 3, No. 3, our products are clearly defined as articles, exempt from registration. The EU regulation on chemicals No. 1907/2006 (REACH), which came into force on 1st June 2007, prescribes Material Safety Data Sheets only for dangerous substances and preparations. According to REACH, we are manufacturing articles and are therefore not required to issue safety data sheets.
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11. Other Information

Other Information	All above-mentioned information is based on our current state of knowledge and does not constitute a warranty of properties/quality. Existing laws and regulations must be observed by the recipient of our products under their own responsibility.
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