

Product Handling Information Sheet

PA66 CF20 black

Product Details

Product / Article	Engineering semi-finished product
Abbreviated Term	PA66 CF20
Material Characterisation	Thermoplastic, carbon fibre reinforced
Main Components	Polyamide 66, carbon fibres (approx. 20 %), colour pigments (black)
Components Subject to Labelling	none

Product Characteristics

Form / State	solid
Colour	black
Odour	odourless
Density	1.23 g / cm ³
Melting temperature	251 °C
Glass transition temperature	48 °C
Thermal decomposition	-
Flash point	-
Ignition temperature	-

Hazard Warnings

Special risks for mankind and the environment	none
Fibre dust note	Avoid inhaling carbon fibre and plastic dust generated during machining; ensure adequate extraction at the workplace.

Handling and Storage

Handling	The product can be processed with conventional machines and tools. Before machining, the product should be at room temperature and/or stored for at least 24 hours under normal ambient conditions. Carbon fibre dust generated during machining must be extracted.
Storage	horizontally, dry, protected from weather influences
Safety measures	Provide respiratory protection and extraction for dust-generating operations (e.g. grinding).
Shelf life	-

Transport

Transport	Not classified as a dangerous good under transport regulations.
Finished product packing	-

Fire-Fighting Measures

Suitable extinguishing agents	Water, foam, dry extinguishing media, CO ₂
Potential combustion products	Carbon oxides (CO, CO ₂), nitrogen oxides, ammonia, amines
Necessary protective equipment	Firefighters and others exposed to combustion products should wear full protective clothing and self-contained breathing apparatus.
Note	Molten product should be cooled with a water spray. Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

Removal

Recyclability	Check the possibility of recycling.
Classification under the European Waste Catalogue (EWC)	The product is not classified as hazardous.
Waste disposal	Disposal by landfill or incineration in compliance with applicable state and local regulations.
Waste code (EWC)	12 01 05 – plastics shavings and turnings 07 02 13 – waste plastic

Marking

Marking in accordance with EC directive	not subject to labelling
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Information about REACH

Classification	According to EC directive 1907/2006/EC (REACH), Article 3, No. 3, our products are clearly defined as "articles" and are exempt from registration.
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Other Information

Note

All information above is based on our current state of knowledge and does not constitute a guarantee of specific properties. Applicable laws and regulations must be observed by the recipient of our products on their own responsibility.

Liedtke
Kunststofftechnik.de