

GERMAMID 6 B GF 25 S SCHWARZ

Polyamide 6

Kunststoff-Kontor-Hamburg GmbH

Message:

GERMAMID 6 B GF 25 S SCHWARZ is a polyamide 6 (nylon 6) material, which contains a 25% glass fiber reinforced material. This product is available in Europe.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 25% filler by weight		
Appearance	Black		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.32	g/cm ³	ISO 1183
Molding Shrinkage	0.20 - 1.2	%	ISO 294-4
Water Absorption (Saturation, 23°C)	2.2	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7200	MPa	ISO 527-2
Tensile Stress (Yield)	140	MPa	ISO 527-2
Tensile Strain (Break)	2.5	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength	35	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	200	°C	ISO 75-2/A
Melting Temperature	218	°C	
Thermal Conductivity	0.23	W/m/K	ISO 8302
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+12	ohms	IEC 60093
Additional Information			
HDT A (1.80 MPa), ISO 75A: >200°C			

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Recommended distributors for this material

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