

GERMAMID 6 GF 10 H

Polyamide 6

Kunststoff-Kontor-Hamburg GmbH

Message:

GERMAMID 6 GF 10 H is a polyamide 6 (nylon 6) material, and the filler is 10% glass fiber reinforced material. This product is available in Europe. The main characteristics of GERMAMID 6 GF 10 H are: heat stabilizer.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 10% filler by weight		
Additive	heat stabilizer		
Features	Thermal Stability		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Molding Shrinkage	0.50 - 1.5	%	ISO 294-4
Water Absorption (Saturation, 23°C)	2.3	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5800	MPa	ISO 527-2
Tensile Stress (Yield)	110	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	7.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength	25	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	190	°C	ISO 75-2/A
Melting Temperature	218	°C	
Thermal Conductivity	0.21	W/m/K	ISO 8302
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+12	ohms	IEC 60093
Additional Information			

Maximum Use Temperature, 20000 hr: 100°C

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Recommended distributors for this material

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