

GERMAMID 6.6 GF 30 MO

Polyamide 66

Kunststoff-Kontor-Hamburg GmbH

Message:

GERMAMID 6.6 GF 30 MO is a Polyamide 66 (Nylon 66) material filled with 30% glass fiber. It is available in Europe. Primary attribute of GERMAMID 6.6 GF 30 MO: Lubricated.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Molybdenum Disulfide Lubricant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Molding Shrinkage	0.30 to 0.90	%	ISO 294-4
Water Absorption (Saturation, 23°C)	1.8	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10000	MPa	ISO 527-2
Tensile Stress (Yield)	190	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Stress	270	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	11	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength	50	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	250	°C	ISO 75-2/A
Melting Temperature	255	°C	
Thermal Conductivity	0.25	W/m/K	ISO 8302
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+11	ohms	IEC 60093

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Recommended distributors for this material

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