

GERMAMID 6 EX

Polyamide 6

Kunststoff-Kontor-Hamburg GmbH

Message:

GERMAMID 6 EX is a polyamide 6 (nylon 6) material. This product is available in Europe and is processed by extrusion.

General Information			
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Molding Shrinkage	1.0 - 2.0	%	ISO 294-4
Water Absorption (Saturation, 23°C)	3.0	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3000	MPa	ISO 527-2
Tensile Stress (Yield)	80.0	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	180	°C	ISO 75-2/B
Melting Temperature	218	°C	
Thermal Conductivity	0.23	W/m/K	ISO 8302
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	IEC 60093
Additional Information			

Tensile Strain at Break, ISO 527: >50%

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Recommended distributors for this material

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