

GERMAMID 6.6 HXKZNS

Polyamide 66
Kunststoff-Kontor-Hamburg GmbH

Message:

GERMAMID 6.6 HXKZNS is a polyamide 66 (nylon 66) material. This product is available in Europe.
The main features of the GERMAMID 6.6 HXKZNS are:
Impact resistance
heat stabilizer

General Information			
Additive	heat stabilizer		
Features	Impact resistance, good		
	Thermal Stability		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm³	ISO 1183
Molding Shrinkage	1.0 - 2.0	%	ISO 294-4
Water Absorption (Saturation, 23°C)	2.0	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ISO 527-2
Tensile Stress (Yield)	70.0	MPa	ISO 527-2
Tensile Strain (Break)	30	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	5.0	kJ/m²	ISO 179/1eA
23°C	9.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	75.0	°C	ISO 75-2/A
Melting Temperature	255	°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: >30%

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