

GERMAMID 6.6 ST SCHWARZ

Polyamide 66
Kunststoff-Kontor-Hamburg GmbH

Message:

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

General Information			
Additive	Impact modifier		
	heat stabilizer		
Features	Impact modification		
	Thermal Stability		
Appearance	Black		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	ISO 1183
Molding Shrinkage	1.3 - 2.4	%	ISO 294-4
Water Absorption (Saturation, 23°C)	2.2	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2700	MPa	ISO 527-2
Tensile Stress (Yield)	70.0	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m ²	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)	80.0	°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+12	ohms	IEC 60093
Additional Information			
Tensile Strain at Break, ISO 527: >50%			

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