

TECHNAMID® B B-101P1

Polyamide 6

Poly Plastic

Message:

TECHNAMID® B B-101P1 is a Polyamide 6 (Nylon 6) product. It is available in Europe.

General Information		
Uses	General Purpose	
Physical	Nominal Value	Unit
Density	1.13	g/cm ³
Molding Shrinkage	1.0 to 1.4	%
Water Absorption		
Saturation, 23°C	10	%
Equilibrium, 23°C, 50% RH	3.2	%
Relative Viscosity - Sulfuric Acid	2.6 to 2.7	%
Mechanical	Nominal Value	Unit
Tensile Stress (Yield)	70.0	MPa
Tensile Strain (Break)	70	%
Flexural Modulus (23°C)	1900	MPa
Impact	Nominal Value	Unit
Charpy Notched Impact Strength (20°C)	7.0	kJ/m ²
Thermal	Nominal Value	Unit
Heat Deflection Temperature (1.8 MPa, Unannealed)	60.0	°C
Melting Temperature	218	°C
Electrical	Nominal Value	Unit
Surface Resistivity (2.00 mm)	1.0E+14	ohms
Volume Resistivity (2.00 mm)	1.0E+14	ohms·cm
Electric Strength (2.00 mm)	25	kV/mm
Optical	Nominal Value	
Clarity	90.0	

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Recommended distributors for this material

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