

Bergamid™ B700 Mi10 UF

Polyamide 6
PolyOne Corporation

Message:

Bergamid™ B700 Mi10 UF is a Polyamide 6 (Nylon 6) product filled with 10% mineral. It is available in Africa & Middle East, Asia Pacific, or Europe. Characteristics include:

Flame Rated
RoHS Compliant

General Information			
Filler / Reinforcement	Mineral,10% Filler by Weight		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.26	g/cm ³	DIN 53479
Ash Content	10	%	ISO 3451
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3700	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	70.0	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	3.0	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.3	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	190	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	223	°C	ISO 3146
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+10	ohms	IEC 60093
Volume Resistivity	1.0E+12	ohms · cm	IEC 60093
Comparative Tracking Index (Solution A)	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm, ALL)	V-2		Internal Method
Glow Wire Ignition Temperature ² (3.00 mm)	960	°C	IEC 60695-2-13
NOTE			
1.	±0.03 g/cm ³		
2.	1.6 mm wire		

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