Technical Data Sheet



Bergamid™ B700 Mi10 UF Polyamide 6

Key Characteristics

	-	
General		
Material Status	Commercial: Active	
Regional Availability	Africa & Middle East Asia Pacific	Europe
Filler / Reinforcement	 Mineral Filler, 10% Filler by Weight 	
RoHS Compliance	RoHS Compliant	
Forms	• Pellets	

Technical Properties 1

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Typical Value (English)	Typical Value (SI)	Test Method
1.26 g/cm ³	1.26 g/cm ³	DIN 53479
10 %	10 %	ISO 3451
Typical Value (English)	Typical Value (SI)	Test Method
537000 psi	3700 MPa	ISO 527-2/1
10200 psi	70.0 MPa	ISO 527-2/5
3.0 %	3.0 %	ISO 527-2/5
Typical Value (English)	Typical Value (SI)	Test Method
3.0 ft·lb/in²	6.3 kJ/m²	ISO 179/1eA
		ISO 179/1eU
90 ft·lb/in²	190 kJ/m²	
Typical Value (English)	Typical Value (SI)	Test Method
433 °F	223 °C	ISO 3146
Typical Value (English)	Typical Value (SI)	Test Method
1.0E+10 ohm	1.0E+10 ohm	IEC 60093
1.0E+12 ohm·cm	1.0E+12 ohm·cm	IEC 60093
600 V	600 V	IEC 60112
Typical Value (English)	Typical Value (SI)	Test Method
V-2	V-2	Internal Metho
		IEC 60695-2-1
1760 °F	960 °C	
	Typical Value (English) 1.26 g/cm³ 10 % Typical Value (English) 537000 psi 10200 psi 3.0 % Typical Value (English) 3.0 ft·lb/in² Typical Value (English) 433 °F Typical Value (English) 1.0E+10 ohm 1.0E+12 ohm·cm 600 V Typical Value (English) V-2	1.26 g/cm³ 1.26 g/cm³ 10 % 10 % Typical Value (English) Typical Value (SI) 537000 psi 3700 MPa 10200 psi 70.0 MPa 3.0 % 3.0 % Typical Value (English) Typical Value (SI) 3.0 ft·lb/in² 190 kJ/m² Typical Value (English) Typical Value (SI) 433 °F 223 °C Typical Value (English) Typical Value (SI) 1.0E+10 ohm 1.0E+10 ohm 1.0E+12 ohm·cm 600 V Typical Value (English) Typical Value (SI) V-2 V-2

Notes

PolyOne Americas PolyOne Asia PolyOne Europe

33587 Walker Road No. 88 Guoshoujing Road 6 Giällewee
Avon Lake, Ohio 44012 Z.J Hi-tech Park, Pudong +352 269 050 35

United States Shanghai, 201203, China +1 440 930 1000 +86 21 5080 1188

+1 866 POLYONE

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¹ Typical values are not to be construed as specifications.

² ±0.03 g/cm³

^{3 1.6} mm wire