



Bergamid™ A70 G30 black PM-Z

Polyamide 66

Key Characteristics

General	
Material Status	• Commercial: Active
Regional Availability	• Europe
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Additive	• Impact Modifier
Forms	• Granules

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density ²	1.31 g/cm ³	1.31 g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	0.96 %	0.96 %	
Flow	0.28 %	0.28 %	
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Modulus (73°F (23°C))	1.13E+6 psi	7800 MPa	ISO 527-2
Tensile Stress (Break, 73°F (23°C))	16700 psi	115 MPa	ISO 527-2
Tensile Strain (Break, 73°F (23°C))	3.0 %	3.0 %	ISO 527-2
Impact	Typical Value (English)	Typical Value (SI)	Test Method
Charpy Notched Impact Strength (73°F (23°C))	7.1 ft·lb/in ²	15 kJ/m ²	ISO 179
Charpy Unnotched Impact Strength 73°F (23°C)	38 ft·lb/in ²	80 kJ/m ²	ISO 179
Thermal	Typical Value (English)	Typical Value (SI)	Test Method
Melting Temperature (DSC)	500 °F	260 °C	ISO 3146
Electrical	Typical Value (English)	Typical Value (SI)	Test Method
Surface Resistivity	1.0E+13 ohms	1.0E+13 ohms	IEC 60093
Volume Resistivity	1.0E+14 ohms·cm	1.0E+14 ohms·cm	IEC 60093
Comparative Tracking Index	600 V	600 V	IEC 60112
Flammability	Typical Value (English)	Typical Value (SI)	Test Method
Flame Rating	HB	HB	UL 94

Notes

¹ Typical values are not to be construed as specifications.

² ±0.02