



Bergamid™ B70 GK15 BK012

Polyamide 6

Key Characteristics

Product Description	
glassbead reinforced PA6 compound	
General	
Material Status	• Commercial: Active
Regional Availability	• Asia Pacific
Filler / Reinforcement	• Glass Bead, 15% Filler by Weight
Appearance	• Black
Processing Method	• Injection Molding

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	1.22	1.22	ISO 1183
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength ²	7980 psi	55.0 MPa	ISO 527
Flexural Modulus ³	348000 psi	2400 MPa	ISO 178
Impact	Typical Value (English)	Typical Value (SI)	Test Method
Charpy Notched Impact Strength	1.7 ft·lb/in ²	3.5 kJ/m ²	ISO 179

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Drying Temperature	194 to 248 °F	90 to 120 °C
Drying Time	2.0 to 4.0 hr	2.0 to 4.0 hr
Rear Temperature	464 to 536 °F	240 to 280 °C
Middle Temperature	464 to 536 °F	240 to 280 °C
Front Temperature	464 to 536 °F	240 to 280 °C
Mold Temperature	194 to 248 °F	90 to 120 °C

Injection Notes	
Injection Pressure: MED-HIGH	
Hold Pressure: MED-HIGH	
Screw Speed: MODERATE	
Back Pressure: LOW	

Notes

¹ Typical values are not to be construed as specifications.

² 0.20 in/min (5.0 mm/min)

³ 0.051 in/min (1.3 mm/min)