



# Bergamid™ A70 G15 UV Grey 70

## Polyamide 66

### Key Characteristics

General	
Material Status	• Commercial: Active
Regional Availability	• Europe
Filler / Reinforcement	• Glass Fiber, 15% Filler by Weight
Features	• Good Processability • Good Strength • Good Stiffness • UV Stabilized
Appearance	• Grey
Forms	• Pellets
Processing Method	• Injection Molding

### Technical Properties <sup>1</sup>

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	1.23 g/cm <sup>3</sup>	1.23 g/cm <sup>3</sup>	ISO 1183
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Modulus	812000 psi	5600 MPa	ISO 527-2/1
Tensile Stress	16000 psi	110 MPa	ISO 527-2/5
Tensile Strain <sup>2</sup> (Break)	2.5 %	2.5 %	ISO 527
Impact	Typical Value (English)	Typical Value (SI)	Test Method
Notched Izod Impact Strength	2.4 ft·lb/in <sup>2</sup>	5.0 kJ/m <sup>2</sup>	ISO 180/A
Thermal	Typical Value (English)	Typical Value (SI)	
Melting Temperature	500 to 509 °F	260 to 265 °C	
Flammability	Typical Value (English)	Typical Value (SI)	Test Method
Flame Rating	HB	HB	UL 94

### Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Drying Temperature	176 to 194 °F	80 to 90 °C
Drying Time	2.0 to 4.0 hr	2.0 to 4.0 hr
Rear Temperature	509 to 527 °F	265 to 275 °C
Middle Temperature	518 to 536 °F	270 to 280 °C
Front Temperature	527 to 545 °F	275 to 285 °C
Mold Temperature	122 to 194 °F	50 to 90 °C

### Notes

<sup>1</sup> Typical values are not to be construed as specifications.

<sup>2</sup> 0.20 in/min (5 mm/min)