

Bergamid™ A700 G15 H BK017

Polyamide 66
PolyOne Corporation

Message:

Bergamid™A700 G15 H BK017 is a polyamide 66 (nylon 66) product, which contains a 15% glass fiber reinforced material. It can be processed by injection molding and is available in the Asia-Pacific region. The main characteristics are: flame retardant/rated flame.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 15% filler by weight		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.24	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.60 - 1.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	120	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	5000	MPa	ISO 178
Flexural Stress	180	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	230	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating (0.700 mm)	HB	Internal method	
Injection	Nominal Value	Unit	
Drying Temperature	80.0 - 90.0	°C	
Drying Time	4.0 - 6.0	hr	
Rear Temperature	260 - 280	°C	
Middle Temperature	260 - 280	°C	
Front Temperature	260 - 280	°C	
Mold Temperature	65.0 - 85.0	°C	
Injection instructions			

Injection Pressure: MED-HIGHHold Pressure: MED-HIGHScrew Speed: MODERATEBack Pressure: LOW

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