

Bergamid™ A700 G25 U-S0 S01 BK040

Polyamide 66
PolyOne Corporation

Message:
Glass fiber reinforced, red phosphorus flame retardant PA66 compound

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 25% filler by weight		
Features	Flame retardancy		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ISO 1183
Molding Shrinkage	0.40 - 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	125	MPa	ISO 527-2
Flexural Modulus	7500	MPa	ISO 178
Flexural Strength	190	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	6.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	235	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+12	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-0		Internal method
Injection	Nominal Value	Unit	
Drying Temperature	80.0 - 90.0	°C	
Drying Time	4.0 - 6.0	hr	
Processing (Melt) Temp	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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