

Bergamid™ A70 UF Grey VN-3921

Polyamide 66

PolyOne Corporation

Message:

PA66 unreinforced
general-purpose injection molding grade

General Information			
Features	Flame Retardant		
Uses	Electrical/Electronic Applications		
RoHS Compliance	RoHS Compliant		
Appearance	Grey		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.21	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3900	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	72.0	MPa	ISO 527-2/50
Tensile Strain (Yield, 23°C)	10	%	ISO 527-2/50
Flexural Modulus	2970	MPa	ISO 178
Flammability	Nominal Value	Unit	Test Method
Flame Rating (8.00 mm)	V-0		UL 94
Glow Wire Flammability Index (0.400 to 3.00 mm)	850	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80.0	°C	
Drying Time - Desiccant Dryer	4.0	hr	
Processing (Melt) Temp	270 to 290	°C	
Mold Temperature	40.0 to 80.0	°C	

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