

Bergamid™ A70 UF natur V0

Polyamide 66
PolyOne Corporation

Message:
PA66 unreinforced
general-purpose injection molding grade

General Information			
RoHS Compliance	RoHS Compliant		
Appearance	Opaque		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density ¹ (23°C)	1.14	g/cm ³	DIN 53479
K-Value ²	74.0 to 78.0		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3500	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	70.0	MPa	ISO 527-2/50
Tensile Strain (Yield, 23°C)	4.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	260	°C	ISO 3146
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+10	ohms	IEC 60093
Volume Resistivity	1.0E+12	ohms · cm	IEC 60093
Comparative Tracking Index (Solution A)	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.400 to 3.00 mm)	V-0		UL 94
Glow Wire Flammability Index (0.400 to 3.00 mm)	960	°C	IEC 60695-2-12
NOTE			
1.	±0.03 g/cm ³		
2.	96% H2SO4		

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