

Bergamid™ A80 W20 H black UV SO

Polyamide 66
PolyOne Corporation

Message:

Bergamid™A80 W20 H black UV SO is a polyamide 66 (nylon 66) product. It can be processed by extrusion and is available in Europe.
Features include:
ROHS certification
Good UV resistance

General Information			
Features	Impact modification		
	Good UV resistance		
	Thermal Stability		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.13	g/cm³	DIN 53479
Melt Mass-Flow Rate (MFR) (275°C/2.16 kg)	14	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (275°C/2.16 kg)	15.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2700	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	72.0	MPa	ISO 527-2/50
Tensile Strain (Yield, 23°C)	15	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	15	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	> 245	°C	ISO 75-2/B
1.8 MPa, not annealed	70.0	°C	ISO 75-2/A
Melting Temperature (DSC)	262	°C	ISO 3146
NOTE			

1. ±0.03 g/cm³

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