

Bergamid™ A80 W20 H UV black SO

Polyamide 66
PolyOne Corporation

Message:

Bergamid™ A80 W20 H UV black SO is a Polyamide 66 (Nylon 66) product. It can be processed by extrusion and is available in Europe.
Characteristics include:
RoHS Compliant
Good UV Resistance

General Information			
Features	Good UV Resistance		
	Heat Stabilized		
	Impact Modified		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
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)	19	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (275°C/2.16 kg)	18.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2300	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	70.0	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, Unannealed	220	°C	ISO 75-2/B
1.8 MPa, Unannealed	72.0	°C	ISO 75-2/A
Melting Temperature (DSC)	262	°C	ISO 3146
NOTE			

1. ±0.03 g/cm³

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