

PolyOne Bergamid™ PA66 C20 Black Polyamide 66 (Nylon 66)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Product code EM00000364BIInformation provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Bergamid-PA66-C20-Black-Polyamide-66-Nylon-66.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.23 g/cc	1.23 g/cc	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength	203 MPa @Temperature 23.0 °C	29400 psi @Temperature 73.4 °F	ISO 527
Elongation at Break	2.3 % @Temperature 23.0 °C	2.3 % @Temperature 73.4 °F	ISO 527
Tensile Modulus	13.2 GPa @Temperature 23.0 °C	1910 ksi @Temperature 73.4 °F	ISO 527
Charpy Impact Unnotched	6.10 J/cm ² @Temperature 23.0 °C	29.0 ft-lb/in ² @Temperature 73.4 °F	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	245 °C	473 °F	Unannealed; ISO 75-2
Deflection Temperature at 1.8 MPa (264 psi)	235 °C	455 °F	Unannealed; ISO 75-2

Electrical Properties	Metric	English	Comments
Surface Resistance	1700 ohm	1700 ohm	ASTM D257

Processing Properties	Metric	English	Comments
Melt Temperature	260 - 280 °C	500 - 536 °F	
Mold Temperature	65.0 - 85.0 °C	149 - 185 °F	
Drying Temperature	80.0 - 90.0 °C	176 - 194 °F	
Dry Time	4.00 - 6.00 hour	4.00 - 6.00 hour	

Descriptive Properties	Value	Comments
Appearance	Black	
Features	Good Dimensional Stability	
	Good Impact Resistance	
	Good Stiffness	
Filler / Reinforcement	Carbon Fiber Reinforcement, 20% Filler by Weight	
Forms	Pellets	
Generic Material	Nylon 66	
Generic Name	Polyamide 66 (Nylon 66)	
Processing Method	Injection Molding	
Regional Availability	Asia Pacific	
	Europe	
	North America	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China