

Bergamid™ PA66 C20 Black

Polyamide 66

PolyOne Corporation

Message:

Product code EM00000364BI

General Information			
Filler / Reinforcement	Carbon Fiber,20% Filler by Weight		
Features	Good Dimensional Stability		
	Good Impact Resistance		
	Good Stiffness		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	13200	MPa	ISO 527
Tensile Strength (23°C)	203	MPa	ISO 527
Tensile Elongation (Break, 23°C)	2.3	%	ISO 527
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	61	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ISO 75-2
0.45 MPa, Unannealed	245	°C	
1.8 MPa, Unannealed	235	°C	
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.7E+3	ohms	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	4.0 to 6.0	hr	
Processing (Melt) Temp	260 to 280	°C	
Mold Temperature	65.0 to 85.0	°C	

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