

Bergadur™ PB40 G15 blue

Polybutylene Terephthalate

PolyOne Corporation

Message:

3313011

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Features	Good Chemical Resistance		
	Good Impact Resistance		
RoHS Compliance	RoHS Compliant		
Appearance	Blue		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density ¹ (23°C)	1.42	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) ² (250°C/2.16 kg)	30	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) ³ (250°C/2.16 kg)	25.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C, 4.00 mm)	6500	MPa	ISO 527-2
Tensile Stress (Break, 23°C, 4.00 mm, Injection Molded)	105	MPa	ISO 527-2
Tensile Strain (Break, 23°C, 4.00 mm, Injection Molded)	> 3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Injection Molded)	3.7	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C, Injection Molded)	31	kJ/m ²	ISO 179
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	ASTM D257
Volume Resistivity	1.0E+15	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		Internal Method
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 120	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	240 to 260	°C	
Mold Temperature	60.0 to 80.0	°C	

NOTE	
1.	±0.02
2.	±5
3.	±5

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