

Bergadur™ PB40 G20

Polybutylene Terephthalate

PolyOne Corporation

Message:

Bergadur™PB40 G20 is a polybutene terephthalate (PBT) product, which contains a 20% glass fiber reinforced material. It can be processed by injection molding and is available in Europe.

General Information			
UL YellowCard	E76261-100166865		
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.46	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6700	MPa	ISO 527-2
Tensile Stress	105	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	7.0	kJ/m ²	ISO 179
23°C	8.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength			ISO 179
-30°C	35	kJ/m ²	ISO 179
23°C	40	kJ/m ²	ISO 179
Injection	Nominal Value	Unit	
Drying Temperature	110 - 130	°C	
Drying Time	4.0 - 6.0	hr	
Rear Temperature	240 - 270	°C	
Middle Temperature	240 - 270	°C	
Front Temperature	240 - 270	°C	
Mold Temperature	75 - 95	°C	
Injection instructions			

Injection Pressure: MED-HIGHHold Pressure: MED-HIGHScrew Speed: MODERATEBack Pressure: LOW

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Recommended distributors for this material

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