

Bergadur™ PB400 G30 UF UV

Polybutylene Terephthalate

PolyOne Corporation

Message:

Bergadur™ PB400 G30 UF UV is a Polybutylene Terephthalate (PBT) product filled with 30% glass fiber. It is available in Asia Pacific.

Characteristics include:

Flame Rated

Flame Retardant

Halogen Free

UV Stabilized

General Information			
UL YellowCard	E76261-101374863		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	UV Stabilizer		
Features	Flame Retardant		
	Halogen Free		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.54	g/cm³	ISO 1183
Molding Shrinkage - Flow	0.30 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	75.0 to 100	MPa	ISO 527-2/5
Flexural Modulus	8.00 to 10.0	MPa	ISO 178
Flexural Stress	130 to 170	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0 to 7.5	kJ/m²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	198	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	ASTM D257
Comparative Tracking Index	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating	UL 94		
0.800 mm	V-0		
1.60 mm	V-0		
Injection	Nominal Value	Unit	
Drying Temperature	110 to 130	°C	
Drying Time	4.0 to 6.0	hr	
Processing (Melt) Temp	230 to 270	°C	

Mold Temperature	65.0 to 95.0	°C
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