

POLYshine PBT D234 GF30 FR

Polybutylene Terephthalate

Polykemi AB

Message:

Glass fibre-reinforced Flame retarded

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
Physical	Nominal Value	Unit	Test Method
Density	1.68	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	73.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0	%	ISO 527-2
Flexural Modulus (23°C)	5200	MPa	ISO 178
Flexural Stress	115	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	4.0	kJ/m ²	
23°C	6.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹			
0.45 MPa, Unannealed	214	°C	ISO 75-2/B
1.8 MPa, Unannealed	183	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating (1.00 mm)	V-0		UL 94
NOTE			
1.	120°C/hr		

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