

POLYshine PBT D201 FB60

Polybutylene Terephthalate

Polykemi AB

Message:

Reinforced

General Information			
Filler / Reinforcement	Filler,60% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	2.00	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	100	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Flexural Modulus (23°C)	12000	MPa	ISO 178
Flexural Stress	150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	5.0	kJ/m ²	
23°C	6.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹			
0.45 MPa, Unannealed	210	°C	ISO 75-2/B
1.8 MPa, Unannealed	190	°C	ISO 75-2/A
NOTE			
1.	120°C/hr		

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