

POLYshine PBT D201 FB52

Polybutylene Terephthalate

Polykemi AB

Message:

Reinforced

General Information			
Filler / Reinforcement	Filler,52% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.84	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	0.50 to 0.70	%	
Flow	0.20 to 0.40	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	105	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Flexural Modulus (23°C)	12300	MPa	ISO 178
Flexural Stress	165	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹			
0.45 MPa, Unannealed	215	°C	ISO 75-2/B
1.8 MPa, Unannealed	202	°C	ISO 75-2/A
NOTE			
1.	120°C/hr		

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