

POLYshine PBT D201 T20

Polybutylene Terephthalate

Polykemi AB

Message:

Reinforced

General Information			
Filler / Reinforcement	Filler,20% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.45	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	50.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	5.0	%	
Break	16	%	
Flexural Modulus (23°C)	4400	MPa	ISO 178
Flexural Stress	92.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	3.0	kJ/m ²	
23°C	4.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹ (1.8 MPa, Unannealed)	113	°C	ISO 75-2/A
Vicat Softening Temperature	187	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Glow Wire Ignition Temperature (2.20 mm)	650	°C	IEC 60695-2-13
NOTE			
1.	120°C/hr		

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