

SCANBLEND P AP2060 F20

Polybutylene Terephthalate + ASA

Polykemi AB

Message:

PBT/ASA Glass fibre-reinforced

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.39	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (275°C/2.16 kg)	48	g/10 min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	1.1	%	
Flow	0.30	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	100	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	8.0	%	
Break	8.0	%	
Flexural Modulus (23°C)	6200	MPa	ISO 178
Flexural Stress	156	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	5.5	kJ/m ²	
23°C	7.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179
-30°C	32	kJ/m ²	
23°C	52	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹			
0.45 MPa, Unannealed	215	°C	ISO 75-2/B
1.8 MPa, Unannealed	195	°C	ISO 75-2/A
Vicat Softening Temperature			
--	215	°C	ISO 306/A50
--	195	°C	ISO 306/B50
NOTE			
1.	120°C/hr		

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