

SCANBLEND P AP2060 F30B

Polybutylene Terephthalate + ASA

Polykemi AB

Message:

PBT/ASA Glass fibre reinforced

General Information			
UL YellowCard	E122538-100689229		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
UL File Number	E122538		
Physical	Nominal Value	Unit	Test Method
Density	1.48	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (275°C/2.16 kg)	12	g/10 min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	0.60 to 0.80	%	
Flow	0.10 to 0.30	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	114	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	7.0	%	
Break	8.0	%	
Flexural Modulus (23°C)	9800	MPa	ISO 178
Flexural Stress	184	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	8.0	kJ/m ²	
23°C	10	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179
-30°C	60	kJ/m ²	
23°C	48	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
--	185	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94

Glow Wire Ignition Temperature (2.00 mm)	750	°C	IEC 60695-2-13
NOTE			

1.	120°C/hr
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