

POLYblend PC/ABS 45FS GKF2010

Polycarbonate + ABS

Polykemi AB

Message:

PC/ABS-blend Glass-reinforced

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.27	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	48.0	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Flexural Modulus (23°C)	4200	MPa	ISO 178
Flexural Stress	84.0	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			
0.45 MPa, Unannealed	109	°C	ISO 75-2/B
1.8 MPa, Unannealed	103	°C	ISO 75-2/A
Vicat Softening Temperature			
--	116	°C	ISO 306/A50
--	105	°C	ISO 306/B50
NOTE			
1.	120°C/hr		

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