

POLYfill PPH GF5010 VT2

Polypropylene Homopolymer

Polykemi AB

Message:

Glass fibre-reinforced Heat resistant

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	High Heat Resistance		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	50.0	MPa	ISO 527-2
Tensile Strain (Break)	6.0	%	ISO 527-2
Flexural Modulus (23°C)	2500	MPa	ISO 178
Flexural Stress	70.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	3.0	kJ/m ²	
23°C	5.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹ (1.8 MPa, Unannealed)	105	°C	ISO 75-2/A
Vicat Softening Temperature	110	°C	ISO 306/B50
NOTE			
1.	120°C/hr		

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