

POLYfill PPH BF4075 VT1

Polypropylene Homopolymer

Polykemi AB

Message:

Reinforced Heat resistant

General Information			
Filler / Reinforcement	Filler,75% Filler by Weight		
Features	High Heat Resistance		
Physical	Nominal Value	Unit	Test Method
Density	2.17	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	57.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	5.0	%	
Break	5.0	%	
Flexural Modulus (23°C)	9000	MPa	ISO 178
Flexural Stress	101	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	5.0	kJ/m ²	
23°C	6.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹			
0.45 MPa, Unannealed	156	°C	ISO 75-2/B
1.8 MPa, Unannealed	136	°C	ISO 75-2/A
Vicat Softening Temperature			
--	161	°C	ISO 306/A50
--	132	°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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