

POLYfill PPH GK8020D

Polypropylene Homopolymer

Polykemi AB

Message:

Glass reinforced Detergent resistant

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Detergent Resistant		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	27.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	10	%	
Break	24	%	
Flexural Modulus (23°C)	1900	MPa	ISO 178
Flexural Stress	45.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	2.0	kJ/m ²	
23°C	4.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179
-20°C	11	kJ/m ²	
23°C	23	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹			
0.45 MPa, Unannealed	114	°C	ISO 75-2/B
1.8 MPa, Unannealed	66.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	153	°C	ISO 306/A50
--	96.0	°C	ISO 306/B50
NOTE			
1.	120°C/hr		

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