

POLYfill PP CV8030 LR UV

Polypropylene

Polykemi AB

Message:

POLYfill PP CV8030 LR UV is a Polypropylene product filled with 30% filler. It is available in Asia Pacific or Europe.

Characteristics include:

Flame Rated

UV Stabilized

General Information			
Filler / Reinforcement	Filler,30% Filler by Weight		
Additive	UV Stabilizer		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	0.90 to 1.1	%	
Flow	0.90 to 1.1	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	28.0	MPa	ISO 527-2
Tensile Strain (Yield)	7.0	%	ISO 527-2
Flexural Modulus (23°C)	2800	MPa	ISO 178
Flexural Stress	49.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	2.0	kJ/m ²	
23°C	3.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179
-30°C	13	kJ/m ²	
23°C	25	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹			
0.45 MPa, Unannealed	126	°C	ISO 75-2/B
1.8 MPa, Unannealed	67.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	153	°C	ISO 306/A50
--	96.0	°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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