

POLYfill PP HIP16020FCF

Polypropylene

Polykemi AB

Message:

Fast cycle

General Information			
Filler / Reinforcement	Filler,20% Filler by Weight		
Features	Fast Molding Cycle		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	1.0 to 1.2	%	
Flow	1.0 to 1.2	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	67		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	30.0	MPa	ISO 527-2
Tensile Strain (Break)	44	%	ISO 527-2
Flexural Modulus (23°C)	2600	MPa	ISO 178
Flexural Stress	46.0	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	
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

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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