

POLYfill PP CIP6015F

Polypropylene

Polykemi AB

Message:

Mineral reinforced

General Information			
Filler / Reinforcement	Mineral, 15% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	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	24.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	7.0	%	
Break	55	%	
Flexural Modulus (23°C)	1800	MPa	ISO 178
Flexural Stress	37.0	MPa	ISO 178
Scratch Resistance - 10 N Fine Structure	0.120	dL	ISO 1518/D65
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	4.0	kJ/m ²	
23°C	20	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179
-20°C	No Break		
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹			
0.45 MPa, Unannealed	123	°C	ISO 75-2/B
1.8 MPa, Unannealed	66.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	139	°C	ISO 306/A50
--	63.0	°C	ISO 306/B50
CLTE - Flow	6.0E-5 to 8.0E-5	cm/cm/°C	Internal Method
NOTE			
1.	120°C/hr		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

