

Phillips Sumika Marlex® CBF-300 Talc-Filled High Flow Thermoplastic Olefin (discontinued **)

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

Applications: Automotive exterior fascias
Information provided by Chevron Phillips. Phillips Sumika Polypropylene Company has been shut down, as announced in 2011. This product had been discontinued prior to the shutdown announcement.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Phillips-Sumika-Marlex-CBF-300-Talc-Filled-High-Flow-Thermoplastic-Olefin-nbspdiscontinued.php

Physical Properties	Metric	English	Comments
Density	1.02 g/cc	0.0368 lb/in ³	injection molded specimen; ISO 1183
	@Thickness 3.17 mm	@Thickness 0.125 in	
Melt Flow	30 g/10 min	30 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	15 second dwell; ISO 868
Tensile Strength, Yield	16.0 MPa	2320 psi	50 mm/min, injection molded specimen; ISO 527
	@Thickness 3.17 mm	@Thickness 0.125 in	
Flexural Modulus	1.25 GPa	181 ksi	injection molded specimen, 2 mm/min; ISO 178
	@Thickness 3.17 mm	@Thickness 0.125 in	
Izod Impact, Notched (ISO)	4.00 kJ/m ²	1.90 ft-lb/in ²	ISO 180
	@Thickness 3.17 mm, Temperature -40.0 °C	@Thickness 0.125 in, Temperature -40.0 °F	
Izod Impact, Notched (ISO)	44.0 kJ/m ²	20.9 ft-lb/in ²	ISO 180
	@Thickness 3.17 mm, Temperature 23.0 °C	@Thickness 0.125 in, Temperature 73.4 °F	
Impact Test	17.0 J	12.5 ft-lb	Instrumented, 2.2 m/s, ductile; ASTM D3763
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Impact Test	24.0 J	17.7 ft-lb	Instrumented, 2.2 m/s, ductile; ASTM D3763
	@Temperature -30.0 °C	@Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
	84.0 °C	183 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (67 psi)	@ Thickness 3.17 mm	@ Thickness 0.125 in	injection molded specimen; ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	51.0 °C @ Thickness 3.17 mm	124 °F @ Thickness 0.125 in	injection molded specimen; ISO 75

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China