

Samsung Cheil Industries Infino[®] GP-8300G MPPE, 30% Glass Filled

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polyphenylene Ether, 30% Glass Filled

Material Notes:

Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Infino-GP-8300G-MPPE-30-Glass-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.27 g/cc	1.27 g/cc	ASTM D792
Melt Flow	6.0 g/10 min @Load 10.0 kg, Temperature 280 °C	6.0 g/10 min @Load 22.0 lb, Temperature 536 °F	ASTM D1238
Ash	30 %	30 %	ASTM D5630

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	119	119	ASTM D785
Tensile Strength, Yield	118 MPa	17100 psi	5 mm/min; ASTM D638
Flexural Strength	157 MPa	22800 psi	2.8 mm/min; ASTM D790
Flexural Modulus	7.26 GPa	1050 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	1.08 J/cm @Thickness 3.17 mm	2.02 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	148 °C @Thickness 6.40 mm	298 °F @Thickness 0.252 in	ASTM D648
Vicat Softening Point	140 °C	284 °F	B/50; ISO R306

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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