

Samsung Cheil Industries Infino[®] TK-4046H PPA, Glass Filled

Category : Polymer , Thermoplastic , Polyphthalamide (PPA) , Polyphthalamide (PPA), 10% Glass Fiber Reinforced

Material Notes:

Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Infino-TK-4046H-PPA-Glass-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.55 g/cc	1.55 g/cc	ASTM D792
Melt Flow	5.0 g/10 min @Load 5.00 kg, Temperature 330 Â°C	5.0 g/10 min @Load 11.0 lb, Temperature 626 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	98.1 MPa	14200 psi	5 mm/min; ASTM D638
Flexural Strength	147 MPa	21300 psi	2.8 mm/min; ASTM D790
Flexural Modulus	7.11 GPa	1030 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	0.294 J/cm @Thickness 3.17 mm	0.551 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	295 Â°C @Thickness 6.40 mm	563 Â°F @Thickness 0.252 in	ASTM D648

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