

Samsung Cheil Industries Infino[®] MKD-1015 PA, Glass Filled

Category : Polymer , Thermoplastic , Nylon

Material Notes:

Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Infino-MKD-1015-PA-Glass-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.57 g/cc	1.57 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	115	115	ASTM D785
Tensile Strength, Yield	235 MPa	34100 psi	5 mm/min; ASTM D638
Flexural Strength	304 MPa	44100 psi	2.8 mm/min; ASTM D790
Flexural Modulus	13.0 GPa	1890 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	2.45 J/cm @Thickness 6.35 mm	4.59 ft-lb/in @Thickness 0.250 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	250 Å°C @Thickness 6.40 mm	482 Å°F @Thickness 0.252 in	ASTM D648

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