

Samsung Cheil Industries Starex® GR-4015A ABS, Glass Filled

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-GR-4015A-ABS-Glass-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	ASTM D792
Melt Flow	7.0 g/10 min @Load 10.0 kg, Temperature 220 Â°C	7.0 g/10 min @Load 22.0 lb, Temperature 428 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	110	110	ASTM D785
Tensile Strength, Yield	72.6 MPa	10500 psi	5 mm/min; ASTM D638
Flexural Strength	98.1 MPa	14200 psi	2.8 mm/min; ASTM D790
Flexural Modulus	5.30 GPa	768 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	0.686 J/cm @Thickness 3.17 mm	1.29 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	102 Â°C @Thickness 6.40 mm	216 Â°F @Thickness 0.252 in	ASTM D648
Vicat Softening Point	106 Â°C	223 Â°F	B/50; ISO R306
Flammability, UL94	HB @Thickness 1.50 - 1.65 mm	HB @Thickness 0.0591 - 0.0650 in	

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