

Samsung Cheil Industries Starex® NH-0700FX ABS, Unreinforced FR

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Molded

Material Notes:

Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-NH-0700FX-ABS-Unreinforced-FR.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	ASTM D792
Melt Flow	3.5 g/10 min @Load 5.00 kg, Temperature 200 Â°C	3.5 g/10 min @Load 11.0 lb, Temperature 392 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	111	111	ASTM D785
Tensile Strength, Yield	44.1 MPa	6400 psi	50 mm/min; ASTM D638
Flexural Strength	65.7 MPa	9530 psi	2.8 mm/min; ASTM D790
Flexural Modulus	2.35 GPa	341 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	1.86 J/cm @Thickness 3.17 mm	3.49 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	97.0 Â°C @Thickness 6.40 mm	207 Â°F @Thickness 0.252 in	ASTM D648
Flammability, UL94	HB @Thickness 0.750 - 3.00 mm	HB @Thickness 0.0295 - 0.118 in	

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