

Samsung Cheil Industries Starex[®] BC-0140 H ABS, Unreinforced General Purpose

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

Material Notes:

Stiff ABS material for automobile bobbin Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-BC-0140-H-ABS-Unreinforced-General-Purpose.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	ASTM D792
Melt Flow	10.5 g/10 min @Load 10.0 kg, Temperature 220 °C	10.5 g/10 min @Load 22.0 lb, Temperature 428 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	110	110	ASTM D785
Tensile Strength, Yield	47.1 MPa	6830 psi	5 mm/min; ASTM D638
Flexural Strength	60.8 MPa	8820 psi	2.8 mm/min; ASTM D790
Flexural Modulus	1.96 GPa	284 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	2.65 J/cm @Thickness 6.35 mm	4.96 ft-lb/in @Thickness 0.250 in	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	110 °C	230 °F	B/50; ISO R306

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