

Samsung Cheil Industries Starex® HG-0760 ABS, Unreinforced

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

Material Notes:

Used in telephones, vacuum cleaners and electric fan stands
Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-HG-0760-ABS-Unreinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	ASTM D792
Melt Flow	3.3 g/10 min @Load 5.00 kg, Temperature 200 °C	3.3 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	113	113	ASTM D785
Tensile Strength, Yield	39.2 MPa	5690 psi	5 mm/min; ASTM D638
Flexural Strength	59.8 MPa	8670 psi	2.8 mm/min; ASTM D790
Flexural Modulus	2.06 GPa	299 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	2.06 J/cm @Thickness 6.35 mm	3.86 ft-lb/in @Thickness 0.250 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	84.0 °C @Thickness 6.40 mm	183 °F @Thickness 0.252 in	ASTM D648
Vicat Softening Point	96.0 °C	205 °F	B/50; ISO R306

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