

Samsung Cheil Industries Starex[®] SD-0170 ABS, Unreinforced

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-SD-0170-ABS-Unreinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.03 g/cc	1.03 g/cc	ASTM D792
Melt Flow	11.5 g/10 min @Load 10.0 kg, Temperature 220 Å°C	11.5 g/10 min @Load 22.0 lb, Temperature 428 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	95	95	ASTM D785
Tensile Strength, Yield	31.4 MPa	4550 psi	5 mm/min; ASTM D638
Flexural Strength	51.0 MPa	7400 psi	2.8 mm/min; ASTM D790
Flexural Modulus	1.67 GPa	242 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	3.43 J/cm @Thickness 6.35 mm	6.43 ft-lb/in @Thickness 0.250 in	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	94.0 Å°C	201 Å°F	B/50; ISO R306

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