

Samsung Cheil Industries Starex[®] SV-0157 ABS, Unreinforced Extrusion Grade

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

Material Notes:

Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-SV-0157-ABS-Unreinforced-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0040 - 0.0060 cm/cm @Thickness 3.20 mm	0.0040 - 0.0060 in/in @Thickness 0.126 in	ASTM D955
Melt Flow	5.2 g/10 min @Load 10.0 kg, Temperature 220 Å°C	5.2 g/10 min @Load 22.0 lb, Temperature 428 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	106	106	ASTM D785
Tensile Strength, Yield	40.2 MPa	5830 psi	5 mm/min; ASTM D638
Flexural Strength	53.9 MPa	7820 psi	2.8 mm/min; ASTM D790
Flexural Modulus	1.96 GPa	284 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	2.55 J/cm @Thickness 6.35 mm	4.78 ft-lb/in @Thickness 0.250 in	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	101 Å°C	214 Å°F	B/50; ISO R306
Flammability, UL94	HB @Thickness 1.60 - 6.00 mm	HB @Thickness 0.0630 - 0.236 in	

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