

Samsung Cheil Industries Starex® SD-0150U 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-0150U-ABS-Unreinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ASTM D792
Melt Flow	1.7 g/10 min	1.7 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 200 Â°C	@Load 11.0 lb, Temperature 392 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	109	109	ASTM D785
Tensile Strength, Yield	40.2 MPa	5830 psi	5 mm/min; ASTM D638
Flexural Strength	57.9 MPa	8400 psi	2.8 mm/min; ASTM D790
Flexural Modulus	2.06 GPa	299 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	2.35 J/cm	4.41 ft-lb/in	ASTM D256
	@Thickness 6.35 mm	@Thickness 0.250 in	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	98.0 Â°C	208 Â°F	ASTM D648
	@Thickness 6.40 mm	@Thickness 0.252 in	

Optical Properties	Metric	English	Comments
Yellow Index	18 %	18 %	ASTM D1925
	@Thickness 3.20 mm	@Thickness 0.126 in	

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