

Samsung Cheil Industries Starex[®] SD-0150W ABS, Unreinforced

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

Material Notes:

WNP Grade Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-SD-0150W-ABS-Unreinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Melt Flow	2.2 g/10 min @Load 5.00 kg, Temperature 200 Å°C	2.2 g/10 min @Load 11.0 lb, Temperature 392 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	110	110	ASTM D785
Tensile Strength, Yield	40.2 MPa	5830 psi	5 mm/min; ASTM D638
Flexural Strength	61.8 MPa	8960 psi	2.8 mm/min; ASTM D790
Flexural Modulus	2.16 GPa	313 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	1.77 J/cm @Thickness 6.35 mm	3.31 ft-lb/in @Thickness 0.250 in	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	99.0 Å°C	210 Å°F	B/50; ISO R306

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