

Samsung Cheil Industries Starex® WX-9300UV ASA, Unreinforced Heat Resistant

Category : Polymer , Thermoplastic , ASA Polymer , Acrylonitrile/Styrene/Acrylate (ASA), Unreinforced, 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-WX-9300UV-ASA-Unreinforced-Heat-Resistant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ASTM D792
Melt Flow	12 g/10 min @Load 10.0 kg, Temperature 220 °C	12 g/10 min @Load 22.0 lb, Temperature 428 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	105	105	ASTM D785
Tensile Strength, Yield	43.1 MPa	6260 psi	5 mm/min; ASTM D638
Flexural Strength	66.7 MPa	9670 psi	2.8 mm/min; ASTM D638
Flexural Modulus	2.16 GPa	313 ksi	2.8 mm/min; ASTM D638
Izod Impact, Notched	1.96 J/cm @Thickness 3.17 mm	3.67 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	89.0 °C @Thickness 6.40 mm	192 °F @Thickness 0.252 in	ASTM D648
Vicat Softening Point	96.0 °C	205 °F	B/50; ISO R306

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