

Samsung Cheil Industries Starex® WR-9120 J ASA, Unreinforced

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-WR-9120-J-ASA-Unreinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ASTM D792
Melt Flow	26 g/10 min	26 g/10 min	ASTM D1238
	@Load 10.0 kg, Temperature 220 Â°C	@Load 22.0 lb, Temperature 428 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	105	105	ASTM D785
Tensile Strength, Yield	44.1 MPa	6400 psi	5 mm/min; ASTM D638
Flexural Strength	63.7 MPa	9240 psi	2.8 mm/min; ASTM D638
Flexural Modulus	2.06 GPa	299 ksi	2.8 mm/min; ASTM D638
Izod Impact, Notched	2.06 J/cm	3.86 ft-lb/in	ASTM D256
	@Thickness 3.17 mm	@Thickness 0.125 in	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	87.0 Â°C	189 Â°F	ASTM D648
	@Thickness 6.40 mm	@Thickness 0.252 in	
Vicat Softening Point	98.0 Â°C	208 Â°F	B/50; ISO R306

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