

## Samsung Cheil Industries Starex<sup>®</sup> SR-0320BM ABS, Unreinforced Heat Resistant

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Heat Resistant, 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-SR-0320BM-ABS-Unreinforced-Heat-Resistant.php](http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-SR-0320BM-ABS-Unreinforced-Heat-Resistant.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0050 - 0.0070 cm/cm @Thickness 3.20 mm	0.0050 - 0.0070 in/in @Thickness 0.126 in	ASTM D955
Linear Mold Shrinkage, Transverse	0.0060 cm/cm @Thickness 3.20 mm	0.0060 in/in @Thickness 0.126 in	ASTM D955
Melt Flow	3.5 g/10 min @Load 10.0 kg, Temperature 220 Å°C	3.5 g/10 min @Load 22.0 lb, Temperature 428 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	107	107	ASTM D785
Tensile Strength, Yield	42.2 MPa	6120 psi	5 mm/min; ASTM D638
Flexural Strength	62.8 MPa	9110 psi	2.8 mm/min; ASTM D790
Flexural Modulus	1.96 GPa	284 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
Deflection Temperature at 1.8 MPa (264 psi)	94.0 Å°C @Thickness 6.40 mm	201 Å°F @Thickness 0.252 in	ASTM D648
Vicat Softening Point	108 Å°C	226 Å°F	B/50; ISO R306

## Contact Songhan Plastic Technology Co.,Ltd.

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