

**Samsung Cheil Industries Starex<sup>®</sup> MG-0330 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-MG-0330-ABS-Unreinforced-Heat-Resistant.php](http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-MG-0330-ABS-Unreinforced-Heat-Resistant.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ASTM D792
Water Absorption	0.30 %	0.30 %	ASTM D570
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Linear Mold Shrinkage, Flow	0.0050 - 0.0060 cm/cm	0.0050 - 0.0060 in/in	ASTM D955
	@Thickness 3.20 mm	@Thickness 0.126 in	
Linear Mold Shrinkage, Transverse	0.0060 cm/cm	0.0060 in/in	ASTM D955
	@Thickness 3.20 mm	@Thickness 0.126 in	
Melt Flow	3.5 g/10 min	3.5 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	111	111	ASTM D785
Tensile Strength, Yield	43.1 MPa	6260 psi	5 mm/min; ASTM D638
Elongation at Break	15 %	15 %	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	1.37 J/cm	2.57 ft-lb/in	ASTM D256
	@Thickness 6.35 mm	@Thickness 0.250 in	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	116 Â°C	241 Â°F	B/50; ISO R306

**Contact Songhan Plastic Technology Co.,Ltd.**Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China