

## Samsung Cheil Industries Starex<sup>®</sup> SF-0505EH MABS, Unreinforced Scratch Resistant

Category : Polymer , Thermoplastic , ABS Polymer

**Material Notes:**

Information provided by Samsung Cheil Industries.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Samsung-Cheil-Industries-Starex-SF-0505EH-MABS-Unreinforced-Scratch-Resistant.php](http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-SF-0505EH-MABS-Unreinforced-Scratch-Resistant.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	ASTM D792
Melt Flow	10.5 g/10 min @Load 10.0 kg, Temperature 220 Å°C	10.5 g/10 min @Load 22.0 lb, Temperature 428 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	114	114	ASTM D785
Tensile Strength, Yield	51.0 MPa	7400 psi	5 mm/min; ASTM D638
Flexural Strength	76.5 MPa	11100 psi	2.8 mm/min; ASTM D790
Flexural Modulus	2.32 GPa	337 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	0.686 J/cm @Thickness 3.17 mm	1.29 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	98.0 Å°C	208 Å°F	B/50; ISO R306
Flammability, UL94	HB @Thickness 1.50 - 3.00 mm	HB @Thickness 0.0591 - 0.118 in	

### Contact Songhan Plastic Technology Co.,Ltd.

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