

## Samsung Cheil Industries Starex<sup>®</sup> HR-1360 HIPS, Unreinforced Heat Resistant

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Impact Modified

**Material Notes:**

Information provided by Samsung Cheil Industries.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Samsung-Cheil-Industries-Starex-HR-1360-HIPS-Unreinforced-Heat-Resistant.php](http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-HR-1360-HIPS-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	0.0040 - 0.0070 cm/cm @Thickness 3.20 mm	0.0040 - 0.0070 in/in @Thickness 0.126 in	ASTM D955
Melt Flow	3.9 g/10 min @Load 5.00 kg, Temperature 200 Å°C	3.9 g/10 min @Load 11.0 lb, Temperature 392 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM D785
Tensile Strength, Yield	30.4 MPa	4410 psi	5 mm/min; ASTM D638
Elongation at Break	70 %	70 %	20 mm/min; ASTM D638
Izod Impact, Notched	1.13 J/cm @Thickness 3.17 mm	2.11 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	91.0 Å°C	196 Å°F	B/50; ISO R306
Flammability, UL94	HB @Thickness 1.00 - 3.00 mm	HB @Thickness 0.0394 - 0.118 in	

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

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