

## Samsung Cheil Industries Starex<sup>®</sup> SP-0180 ABS, Unreinforced Extrusion Grade

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Extruded

### Material Notes:

Information provided by Samsung Cheil Industries.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Samsung-Cheil-Industries-Starex-SP-0180-ABS-Unreinforced-Extrusion-Grade.php](http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-SP-0180-ABS-Unreinforced-Extrusion-Grade.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Melt Flow	6.0 g/10 min @Load 10.0 kg, Temperature 220 Å°C	6.0 g/10 min @Load 22.0 lb, Temperature 428 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	98	98	ASTM D785
Tensile Strength, Yield	36.3 MPa	5260 psi	5 mm/min; ASTM D638
Flexural Strength	53.9 MPa	7820 psi	2.8 mm/min; ASTM D790
Flexural Modulus	1.86 GPa	270 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	3.73 J/cm @Thickness 6.35 mm	6.98 ft-lb/in @Thickness 0.250 in	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	97.0 Å°C	207 Å°F	B/50; ISO R306

## Contact Songhan Plastic Technology Co.,Ltd.

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