

Samsung Cheil Industries Starex[®] SV-0167 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-SV-0167-ABS-Unreinforced-Extrusion-Grade.php

| Physical Properties | Metric | English | Comments |
|-----------------------------|---|---|------------|
| Specific Gravity | 1.03 g/cc | 1.03 g/cc | ASTM D792 |
| Linear Mold Shrinkage, Flow | 0.0040 - 0.0060 cm/cm @Thickness 3.20 mm | 0.0040 - 0.0060 in/in @Thickness 0.126 in | ASTM D955 |
| Melt Flow | 5.4 g/10 min @Load 10.0 kg, Temperature 220 Å°C | 5.4 g/10 min @Load 22.0 lb, Temperature 428 Å°F | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|---------------------------------|--------------------------------------|-----------------------|
| Hardness, Rockwell R | 100 | 100 | ASTM D785 |
| Tensile Strength, Yield | 39.2 MPa | 5690 psi | 5 mm/min; ASTM D638 |
| Elongation at Break | 50 % | 50 % | 5 mm/min; ASTM D638 |
| Flexural Strength | 55.9 MPa | 8110 psi | 2.8 mm/min; ASTM D790 |
| Flexural Modulus | 1.96 GPa | 284 ksi | 2.8 mm/min; ASTM D790 |
| Izod Impact, Notched | 3.63 J/cm @Thickness 6.35 mm | 6.80 ft-lb/in @Thickness 0.250 in | ASTM D256 |
| | 4.31 J/cm @Thickness 3.17 mm | 8.08 ft-lb/in @Thickness 0.125 in | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---|---------------------------------|------------------------------------|----------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 89.0 Å°C @Thickness 6.40 mm | 192 Å°F @Thickness 0.252 in | ASTM D648 |
| Vicat Softening Point | 97.0 Å°C | 207 Å°F | B/50; ISO R306 |
| Flammability, UL94 | HB @Thickness 1.50 - 3.00 mm | HB @Thickness 0.0591 - 0.118 in | |

Thermal Properties

Metric

English

Comments

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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

