

Samsung Cheil Industries Starex[®] VS-0800 ABS, Unreinforced FR

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Unreinforced, Flame Retardant

Material Notes:

Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-VS-0800-ABS-Unreinforced-FR.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.16 g/cc	1.16 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	4.0 g/10 min @Load 5.00 kg, Temperature 200 Å°C	4.0 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	39.2 MPa	5690 psi	5 mm/min; ASTM D638
Elongation at Break	20 %	20 %	5 mm/min; ASTM D638
Flexural Strength	61.8 MPa	8960 psi	2.8 mm/min; ASTM D638
Flexural Modulus	2.16 GPa	313 ksi	2.8 mm/min; ASTM D638
Izod Impact, Notched	1.67 J/cm @Thickness 6.35 mm	3.12 ft-lb/in @Thickness 0.250 in	ASTM D256
	1.96 J/cm @Thickness 3.17 mm	3.67 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	80.0 Å°C @Thickness 6.40 mm	176 Å°F @Thickness 0.252 in	ASTM D648
Vicat Softening Point	94.0 Å°C	201 Å°F	B/50; ISO R306
Flammability, UL94	V-0 @Thickness 1.50 mm	V-0 @Thickness 0.0591 in	

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