

Samsung Cheil Industries Starex^Â® BF-0930 MABS, Unreinforced Scratch Resistant

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

Scratch resistant information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-BF-0930-MABS-Unreinforced-Scratch-Resistant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	ASTM D792
Melt Flow	33 g/10 min @Load 10.0 kg, Temperature 220 Â°C	33 g/10 min @Load 22.0 lb, Temperature 428 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	118	118	ASTM D785
Tensile Strength, Yield	56.9 MPa	8250 psi	5 mm/min; ASTM D638
Flexural Strength	87.3 MPa	12700 psi	2.8 mm/min; ASTM D790
Flexural Modulus	2.60 GPa	377 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	2.16 J/cm @Thickness 3.17 mm	4.04 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	94.0 Â°C	201 Â°F	B/50; ISO R306
Flammability, UL94	HB @Thickness 1.50 - 3.00 mm	HB @Thickness 0.0591 - 0.118 in	

Descriptive Properties	Value	Comments
Pencil Hardness	2H	500g, JIS K 5401

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