

Samsung Cheil Industries Starex® NA-0660I ABS, Unreinforced Anti-Bacteria Grade

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

Material Notes:

Nano-silver high flowability antibacterial ABS that can be used in notebook keyboards Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-NA-0660I-ABS-Unreinforced-Anti-Bacteria-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Melt Flow	3.2 g/10 min @Load 5.00 kg, Temperature 200 Â°C	3.2 g/10 min @Load 11.0 lb, Temperature 392 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	107	107	ASTM D785
Tensile Strength, Yield	38.2 MPa	5550 psi	5 mm/min; ASTM D638
Elongation at Break	30 %	30 %	5 mm/min; ASTM D638
Flexural Strength	57.9 MPa	8400 psi	2.8 mm/min; ASTM D790
Flexural Modulus	2.06 GPa	299 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	2.16 J/cm @Thickness 6.35 mm	4.04 ft-lb/in @Thickness 0.250 in	ASTM D256
	3.43 J/cm @Thickness 3.17 mm	6.43 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	82.0 Â°C @Thickness 6.40 mm	180 Â°F @Thickness 0.252 in	ASTM D648
Vicat Softening Point	99.0 Â°C	210 Â°F	B/50; ISO R306
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	

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