

Samsung Cheil Industries Infino[®] NF-3017H PC/ABS, Unreinforced FR

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced , Polycarbonate (PC)

Material Notes:

Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Infino-NF-3017H-PCABS-Unreinforced-FR.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D792
Melt Flow	16 g/10 min @Load 2.16 kg, Temperature 250 °C	16 g/10 min @Load 4.76 lb, Temperature 482 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	120	120	ASTM D785
Tensile Strength, Yield	70.6 MPa	10200 psi	50 mm/min; ASTM D638
Flexural Strength	108 MPa	15700 psi	2.8 mm/min; ASTM D790
Flexural Modulus	2.70 GPa	391 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	0.490 J/cm @Thickness 3.17 mm	0.918 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	94.0 °C @Thickness 6.40 mm	201 °F @Thickness 0.252 in	ASTM D648
Flammability, UL94	V-0 @Thickness 1.00 - 3.00 mm	V-0 @Thickness 0.0394 - 0.118 in	

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

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