

Samsung Cheil Industries Infino® NH-1015 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-NH-1015-PCABS-Unreinforced-FR.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.18 g/cc	1.18 g/cc	ASTM D792
Melt Flow	24 g/10 min	24 g/10 min	ASTM D1238
	@Load 10.0 kg, Temperature 220 °C	@Load 22.0 lb, Temperature 428 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	61.8 MPa	8960 psi	50 mm/min; ASTM D638
Flexural Strength	86.3 MPa	12500 psi	2.8 mm/min; ASTM D790
Flexural Modulus	2.40 GPa	348 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	5.88 J/cm	11.0 ft-lb/in	ASTM D256
	@Thickness 3.17 mm	@Thickness 0.125 in	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	98.0 °C	208 °F	B/50; ISO R306
UL RTI, Electrical	90.0 °C	194 °F	
UL RTI, Mechanical with Impact	85.0 °C	185 °F	
UL RTI, Mechanical without Impact	90.0 °C	194 °F	
Flammability, UL94	V-0	V-0	
	@Thickness 1.50 mm	@Thickness 0.0591 in	
	5VB	5VB	
	@Thickness 3.00 mm	@Thickness 0.118 in	
	5VA	5VA	
	@Thickness 2.00 mm	@Thickness 0.0787 in	

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