

Samsung Cheil Industries Infino[®] HR-1008B PC/ABS, Unreinforced

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

Material Notes:

PC/ABS material that can be used for hand phone and car phone. Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Infino-HR-1008B-PCABS-Unreinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	ASTM D792
Melt Flow	60 g/10 min	60 g/10 min	ASTM D1238
	@Load 10.0 kg, Temperature 250 Å°C	@Load 22.0 lb, Temperature 482 Å°F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	116	116	ASTM D785
Tensile Strength at Break	61.8 MPa	8960 psi	50 mm/min; ASTM D638
Tensile Strength, Yield	59.8 MPa	8680 psi	50 mm/min; ASTM D638
Elongation at Break	104 %	104 %	50 mm/min; ASTM D638
Tensile Modulus	2.26 GPa	327 ksi	50 mm/min; ASTM D638
Flexural Strength	83.4 MPa	12100 psi	2.8 mm/min; ASTM D790
Flexural Modulus	2.35 GPa	341 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	2.65 J/cm	4.96 ft-lb/in	ASTM D256
	@Thickness 6.35 mm	@Thickness 0.250 in	
	5.88 J/cm	11.0 ft-lb/in	ASTM D256
	@Thickness 3.17 mm	@Thickness 0.125 in	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	129 Å°C	264 Å°F	ASTM D648
	@Thickness 6.40 mm	@Thickness 0.252 in	
Deflection Temperature at 1.8 MPa (264 psi)	110 Å°C	230 Å°F	ASTM D648
	@Thickness 6.40 mm	@Thickness 0.252 in	
Vicat Softening Point	119 Å°C	246 Å°F	B/50; ISO R306
			B/120; ISO R306

Thermal Properties	123 Å°C Metric	253 Å°F English	Comments
Flammability, UL94	HB @Thickness 1.50 - 6.00 mm	HB @Thickness 0.0591 - 0.236 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