

Samsung Cheil Industries Infino® HI-1001BG PC/ABS, Metal Plating Grade

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

Material Notes:

PC/ABS material that can be used in automobile wheel cap and air-conditioner panel Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Infino-HI-1001BG-PCABS-Metal-Plating-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0050 - 0.0070 cm/cm @Thickness 3.20 mm	0.0050 - 0.0070 in/in @Thickness 0.126 in	ASTM D955
Melt Flow	63.6 g/10 min @Load 10.0 kg, Temperature 250 Å°C	63.6 g/10 min @Load 22.0 lb, Temperature 482 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	107	107	ASTM D785
Tensile Strength, Yield	48.1 MPa	6970 psi	50 mm/min; ASTM D638
Flexural Strength	73.5 MPa	10700 psi	2.8 mm/min; ASTM D790
Flexural Modulus	2.16 GPa	313 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	4.22 J/cm @Thickness 3.17 mm	7.90 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	92.0 Å°C @Thickness 6.40 mm	198 Å°F @Thickness 0.252 in	ASTM D648
Vicat Softening Point	106 Å°C	223 Å°F	B/50; ISO R306
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