

Samsung Cheil Industries Infino[®] HP-1000XA PC/ABS, Unreinforced

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

Material Notes:PC/ABS material for automobile IP-core
Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Infino-HP-1000XA-PCABS-Unreinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.12 g/cc	1.12 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0040 - 0.0060 cm/cm @Thickness 3.20 mm	0.0040 - 0.0060 in/in @Thickness 0.126 in	ASTM D955
Linear Mold Shrinkage, Transverse	0.0040 - 0.0060 cm/cm @Thickness 3.20 mm	0.0040 - 0.0060 in/in @Thickness 0.126 in	ASTM D955
Melt Flow	28 g/10 min @Load 10.0 kg, Temperature 250 Å°C	28 g/10 min @Load 22.0 lb, Temperature 482 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	113	113	ASTM D785
Tensile Strength, Yield	53.9 MPa	7820 psi	50 mm/min; ASTM D638
Elongation at Break	100 %	100 %	50 mm/min; ASTM D638
Flexural Strength	73.5 MPa	10700 psi	2.8 mm/min; ASTM D790
Flexural Modulus	2.01 GPa	292 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	4.41 J/cm @Thickness 6.35 mm	8.27 ft-lb/in @Thickness 0.250 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	110 Å°C @Thickness 6.40 mm	230 Å°F @Thickness 0.252 in	ASTM D648
Vicat Softening Point	123 Å°C	253 Å°F	B/50; ISO R306

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