

**Samsung Cheil Industries Infino<sup>®</sup> GW-1010 PC, Unreinforced Recycled**

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, Molded

**Material Notes:**

Eco-friendly Post-Consumer recycled content. Information provided by Samsung Cheil Industries.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Samsung-Cheil-Industries-Infino-GW-1010-PC-Unreinforced-Recycled.php](http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Infino-GW-1010-PC-Unreinforced-Recycled.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.18 g/cc	1.18 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	18 g/10 min @Load 10.0 kg, Temperature 250 Å°C	18 g/10 min @Load 22.0 lb, Temperature 482 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	116	116	ASTM D785
Tensile Strength, Yield	58.8 MPa	8530 psi	50 mm/min; ASTM D638
Flexural Strength	78.5 MPa	11400 psi	2.8 mm/min; ASTM D790
Flexural Modulus	2.01 GPa	292 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	7.85 J/cm @Thickness 3.17 mm	14.7 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	123 Å°C @Thickness 6.40 mm	253 Å°F @Thickness 0.252 in	ASTM D648
Vicat Softening Point	140 Å°C	284 Å°F	B/50; ISO R306
Flammability, UL94	HB @Thickness 0.800 - 3.00 mm	HB @Thickness 0.0315 - 0.118 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**