

Samsung Cheil Industries Infino® LS-1150G PC/ABS, 15% Glass Filled FR

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Glass Fiber Filled , Polycarbonate (PC)

Material Notes:

15% GF reinforcement; can be used in mold frames for LCD BLU. Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Infino-LS-1150G-PCABS-15-Glass-Filled-FR.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.28 g/cc	1.28 g/cc	ASTM D792
Melt Flow	24 g/10 min	24 g/10 min	ASTM D1238
	@Load 10.0 kg, Temperature 250 Â°C	@Load 22.0 lb, Temperature 482 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	88.3 MPa	12800 psi	5 mm/min; ASTM D638
Flexural Strength	137 MPa	19900 psi	2.8 mm/min; ASTM D790
Flexural Modulus	4.51 GPa	654 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	0.883 J/cm	1.65 ft-lb/in	ASTM D256
	@Thickness 3.17 mm	@Thickness 0.125 in	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	127 Â°C	261 Â°F	ASTM D648
	@Thickness 6.40 mm	@Thickness 0.252 in	
Vicat Softening Point	128 Â°C	262 Â°F	B/50; ISO R306
Flammability, UL94	V-2	V-2	
	@Thickness 0.800 - 3.00 mm	@Thickness 0.0315 - 0.118 in	

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