

Samsung Cheil Industries Infino® LF-1025 PC, Unreinforced Anti-Abrasion

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

Material Notes:

Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Infino-LF-1025-PC-Unreinforced-Anti-Abrasion.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.25 g/cc	1.25 g/cc	ASTM D792
Melt Flow	12 g/10 min	12 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	53.6 MPa	7780 psi	50 mm/min; ASTM D638
Flexural Strength	79.8 MPa	11600 psi	2.8 mm/min; ASTM D790
Flexural Modulus	1.8876 GPa	273.77 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	2.65 J/cm	4.96 ft-lb/in	ASTM D256
	@Thickness 3.17 mm	@Thickness 0.125 in	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	148 Â°C	298 Â°F	B/50; ISO R306

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