

SABIC Innovative Plastics LNP LUBRICOMP Lexan_LF1000 PC (Asia Pacific)

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-LexanLF1000-PC-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.26 g/cc	1.26 g/cc	ASTM D792
Water Absorption	0.15 % @Time 86400 sec	0.15 % @Time 24.0 hour	ASTM D570
Linear Mold Shrinkage, Flow	0.0050 - 0.0070 cm/cm @Thickness 3.20 mm	0.0050 - 0.0070 in/in @Thickness 0.126 in	SABIC Method

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	118	118	ASTM D785
Tensile Strength, Yield	66.0 MPa	9570 psi	SABIC - Japan Method
Elongation at Break	220 %	220 %	SABIC - Japan Method
Flexural Strength	84.0 MPa	12200 psi	ASTM D790
Flexural Modulus	2.15 GPa	312 ksi	ASTM D790
Izod Impact, Notched	1.76 J/cm	3.30 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	50.0 - 70.0 Åµm/m-Â°C @Temperature -30.0 - 30.0 Â°C	27.8 - 38.9 Åµin/in-Â°F @Temperature -22.0 - 86.0 Â°F	TMA
Deflection Temperature at 0.46 MPa (66 psi)	136 Â°C @Thickness 3.20 mm	277 Â°F @Thickness 0.126 in	unannealed; ASTM D648
Flammability, UL94	V-0 @Thickness 1.70 mm	V-0 @Thickness 0.0669 in	UL 94

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+16 ohm	1.00e+16 ohm	ASTM D257

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