

SABIC Innovative Plastics LNP LUBRICOMP DX94375H PC

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

LNP* LUBRICOMP* DX94375H is a compound based on Polycarbonate resin containing Proprietary Fillers. Added features of this material include: Healthcare, Wear Resistant.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-DX94375H-PC.php

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/in ³	ASTM D792
	1.27 g/cc	0.0459 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0090 - 0.011 cm/cm	0.0090 - 0.011 in/in	ASTM D955
	@Time 86400 sec	@Time 24.0 hour	
	0.0090 - 0.011 cm/cm	0.0090 - 0.011 in/in	ISO 294
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Transverse	0.010 - 0.012 cm/cm	0.010 - 0.012 in/in	ASTM D955
	@Time 86400 sec	@Time 24.0 hour	
	0.010 - 0.012 cm/cm	0.010 - 0.012 in/in	ISO 294
	@Time 86400 sec	@Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	43.0 MPa	6240 psi	ISO 527
	44.0 MPa	6380 psi	ASTM D638
Tensile Strength, Yield	49.0 MPa	7110 psi	ISO 527
	52.0 MPa	7540 psi	ASTM D638
Elongation at Break	5.6 %	5.6 %	ASTM D638
	52 %	52 %	ISO 527
Elongation at Yield	5.1 %	5.1 %	ISO 527
	5.7 %	5.7 %	ASTM D638
Tensile Modulus	1.86 GPa	270 ksi	50 mm/min; ASTM D638
	2.10 GPa	305 ksi	1 mm/min; ISO 527

Flexural Strength Mechanical Properties	68.0 MPa Metric	9860 psi English	ASTM D790 Comments
	81.0 MPa	11700 psi	ISO 178
Flexural Modulus	2.04 GPa	296 ksi	ASTM D790
	2.30 GPa	334 ksi	ISO 178
Izod Impact, Notched	1.49 J/cm	2.79 ft-lb/in	ASTM D256
Izod Impact, Notched (ISO)	19.0 kJ/m ²	9.04 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	137 kJ/m ²	65.2 ft-lb/in ²	80*10*4; ISO 180/1U
Dart Drop, Total Energy	33.0 J	24.3 ft-lb	Instrumented Impact Energy @ peak; ASTM D3763

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	128 Â°C @Thickness 3.20 mm	262 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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