

SABIC Innovative Plastics LNP LUBRICOMP DFP36 PC (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

LNP* Lubricomp* DFP36 is a compound based on Polycarbonate resin containing Glass Fiber, PTFE, Silicone.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-DFP36-PC-Europe-Africa-Middle-East.php

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	98.0 MPa	14200 psi	5 mm/min; ISO 527
Elongation at Break	2.2 %	2.2 %	5 mm/min; ISO 527
Tensile Modulus	7.90 GPa	1150 ksi	1 mm/min; ISO 527
Flexural Yield Strength	127 MPa	18400 psi	2 mm/min; ISO 178
Flexural Modulus	5.20 GPa	754 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	13.0 kJ/m ²	6.19 ft-lb/in ²	80*10*4; ISO 180/1A

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	22.0 $\mu\text{m}/\text{m}\cdot\text{C}$	12.2 $\mu\text{in}/\text{in}\cdot\text{F}$	ISO 11359-2
	@Temperature 23.0 - 60.0 $^{\circ}\text{C}$	@Temperature 73.4 - 140 $^{\circ}\text{F}$	
CTE, linear, Transverse to Flow	51.0 $\mu\text{m}/\text{m}\cdot\text{C}$	28.3 $\mu\text{in}/\text{in}\cdot\text{F}$	ISO 11359-2
	@Temperature 23.0 - 60.0 $^{\circ}\text{C}$	@Temperature 73.4 - 140 $^{\circ}\text{F}$	
Deflection Temperature at 0.46 MPa (66 psi)	145 $^{\circ}\text{C}$	293 $^{\circ}\text{F}$	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	140 $^{\circ}\text{C}$	284 $^{\circ}\text{F}$	Flatw 80*10*4 sp=64mm; ISO 75/Af

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China