

SABIC Innovative Plastics LNP LUBRICOMP DFL44 PC (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

LNP* Lubricomp* DFL44 is a compound based on Polycarbonate resin containing Glass Fiber, PTFE.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-DFL44-PC-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	86.0 MPa	12500 psi	5 mm/min; ISO 527
Elongation at Break	2.3 %	2.3 %	5 mm/min; ISO 527
Tensile Modulus	6.40 GPa	928 ksi	1 mm/min; ISO 527
Flexural Yield Strength	127 MPa	18400 psi	2 mm/min; ISO 178
Flexural Modulus	4.90 GPa	711 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	11.0 kJ/m ²	5.23 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	30.0 kJ/m ²	14.3 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	26.0 $\mu\text{m}/\text{m}\cdot\text{C}^\circ$	14.4 $\mu\text{in}/\text{in}\cdot\text{F}^\circ$	ISO 11359-2
	@Temperature 23.0 - 60.0 $^\circ\text{C}$	@Temperature 73.4 - 140 $^\circ\text{F}$	
CTE, linear, Transverse to Flow	76.0 $\mu\text{m}/\text{m}\cdot\text{C}^\circ$	42.2 $\mu\text{in}/\text{in}\cdot\text{F}^\circ$	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)	147 $^\circ\text{C}$	297 $^\circ\text{F}$	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	142 $^\circ\text{C}$	288 $^\circ\text{F}$	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