

## SABIC Innovative Plastics LNP LUBRICOMP DFL146 PC (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polycarbonate (PC)

### Material Notes:

LNP\* Lubricomp\* DFL146 is a compound based on Polycarbonate resin containing Glass Fiber, PTFE, Flame Retardant. Added features of this material include: Flame Retardant.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-LUBRICOMP-DFL146-PC-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-DFL146-PC-Europe-Africa-Middle-East.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	106 MPa	15400 psi	5 mm/min; ISO 527
Elongation at Yield	3.0 %	3.0 %	5 mm/min; ISO 527
Tensile Modulus	6.10 GPa	885 ksi	1 mm/min; ISO 527
Flexural Yield Strength	162 MPa	23500 psi	2 mm/min; ISO 178
Flexural Modulus	5.10 GPa	740 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	15.0 kJ/m <sup>2</sup>	7.14 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	29.0 µm/m-°C	16.1 µin/in-°F	ISO 11359-2
	@Temperature 23.0 - 60.0 °C	@Temperature 73.4 - 140 °F	
CTE, linear, Transverse to Flow	74.0 µm/m-°C	41.1 µin/in-°F	ISO 11359-2
	@Temperature 23.0 - 60.0 °C	@Temperature 73.4 - 140 °F	
Deflection Temperature at 0.46 MPa (66 psi)	145 °C	293 °F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	141 °C	286 °F	Flatw 80*10*4 sp=64mm; ISO 75/Af
Flammability, UL94	V-0	V-0	UL 94 by SABIC-IP
	@Thickness 1.60 mm	@Thickness 0.0630 in	

## Contact Songhan Plastic Technology Co.,Ltd.

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