

Product Texts

LNP LUBRICOMP DFP36 compound is based on Polycarbonate (PC) resin containing 30% glass fiber, 15% PTFE/silicone. Added features of this grade include: Wear Resistant.

UL Yellow Card Link [E45329-101344674](https://www.ulprospector.com/usa/Products/Plastics/PC+PTFE-GF30)

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8700	MPa	ISO 527
Stress at break	98	MPa	ISO 527
Strain at break	2.2	%	ISO 527
Flexural modulus	5200	MPa	ISO 178
Izod notched impact strength, +23°C, 4mm	13	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	140	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	145	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	22	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	51	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	V-1	class	IEC 60695-11-10
Thickness tested	2.5	mm	-

Characteristics

Processing

Injection Molding

Regional Availability

Europe