

Product Texts

LNP LUBRICOMP RFP36 compound is based on Nylon 6/6 resin containing 30% glass fiber, 15% PTFE/silicone. Added features of this grade include: Wear Resistant.

UL Yellow Card Link [E45329-101344612](https://www.ulprospector.com/usa/Products/Plastics/PA66+PTFE-GF30)

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Stress at break	148	MPa	ISO 527
Strain at break	3.9	%	ISO 527
Flexural modulus	7000	MPa	ISO 178
Izod impact strength, +23°C, 4mm	80	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C, 4mm	12	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	236	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	25	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	113	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	-

Other properties	Value	Unit	Test Standard
Density	1480	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Regional Availability

Europe