

Product Texts

LNP LUBRICOMP RFL36XXZ compound is based on Nylon 6/6 resin containing 30% glass fiber, 15% PTFE. Added features of this grade include: Wear Resistant.

UL Yellow Card Link [E121562-101344610](https://www.ulprospector.com/usa/Products/121562-101344610)

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Stress at break	138	MPa	ISO 527
Strain at break	2.1	%	ISO 527
Flexural modulus	9700	MPa	ISO 178
Flexural strength	211	MPa	ISO 178

ASTM Data			
Tensile Strength at Break	139	MPa	ASTM D 638
Elongation at Break	2.1	%	ASTM D 638
Flexural Strength	236	MPa	ASTM D 790

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-

Other properties	Value	Unit	Test Standard
Density	1510	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.25	%	-
Melt temperature	280 - 305	°C	-
Mold temperature	95 - 110	°C	-
Zone 1	265 - 275	°C	-
Zone 2	280 - 295	°C	-
Zone 3	295 - 305	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.2 - 0.3	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America