

Product Texts

LNP LUBRICOMP RFL26 compound is based on Nylon 6/6 resin containing 30% glass fiber, 10% PTFE. Added features of this grade include: Wear Resistant.

UL Yellow Card Link [E121562-101282712](https://www.ulprospector.com/121562-101282712)

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| Flexural strength | 262 | MPa | ISO 178 |
| ASTM Data | | | |
| Tensile Strength at Break | 185 | MPa | ASTM D 638 |
| Elongation at Break | 3.3 | % | ASTM D 638 |
| Flexural Strength | 275 | MPa | ASTM D 790 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| 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 | 1460 | 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, Europe, Asia Pacific