

Product Texts

LNP LUBRICOMP RL004S compound is based on Nylon 6/6 resin containing 20% PTFE. Added features of this grade include: Heat Stabilized, Wear Resistant.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2600	MPa	ISO 527
Stress at break	61	MPa	ISO 527
Strain at break	11.3	%	ISO 527
Flexural modulus	2400	MPa	ISO 178
Izod impact strength, +23°C, 4mm	39	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C, 4mm	4	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	70	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	219	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1270	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Regional Availability

Europe