

Product Texts

LNP LUBRICOMP FL004 compound is based on Polyethylene (PE) resin containing 20% PTFE. Added features of this grade include: Wear Resistant.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	900	MPa	ISO 527
Yield stress	21	MPa	ISO 527
Yield strain	8.3	%	ISO 527
Flexural modulus	800	MPa	ISO 178
Izod impact strength, +23°C, 4mm	25	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C, 4mm	7	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	47	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	152	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	174	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	1070	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Regional Availability

Europe