

Product Texts

LNP LUBRICOMP ML008 compound is based on Polypropylene (PP) resin containing 40% PTFE. Added features of this grade include: Internally Lubricated, Wear Resistant.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1300	MPa	ISO 527
Yield stress	23	MPa	ISO 527
Strain at break	19.6	%	ISO 527
Flexural modulus	1600	MPa	ISO 178
Izod impact strength, +23°C, 4mm	15	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	68	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	114	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	128	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	135	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	1190	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Melt temperature	225 - 250	°C	-
Mold temperature	30 - 50	°C	-
Zone 1	195 - 205	°C	-
Zone 2	215 - 225	°C	-
Zone 3	240 - 250	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.2 - 0.3	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific