

Product Texts

LNP LUBRICOMP KI001 compound is based on POM (Acetal) resin containing silicone. Added features of this grade include: Wear Resistant.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2500	MPa	ISO 527
Yield stress	44	MPa	ISO 527
Stress at break	20	MPa	ISO 527
Flexural modulus	2000	MPa	ISO 178
Izod impact strength, +23°C, 4mm	57	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C, 4mm	4.2	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	87	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1380	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 3	h	-
Mold temperature	80 - 100	°C	-
Zone 1	180 - 200	°C	-
Zone 2	190 - 210	°C	-
Zone 3	200 - 220	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific