

Product Texts

LNP LUBRICOMP WP004 compound is based on Polybutylene Terephthalate (PBT) resin containing 20% PTFE/silicone. Added features of this grade include: Wear Resistant.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2200	MPa	ISO 527
Yield stress	37	MPa	ISO 527
Yield strain	11.3	%	ISO 527
Flexural modulus	2000	MPa	ISO 178
Izod impact strength, +23°C, 4mm	20	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C, 4mm	3	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	54	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	152	°C	ISO 75-1/-2
Vicat softening temperature, 120°C/h 10N	218	°C	ISO 306
Vicat softening temperature, 120°C/h 50N	170	°C	ISO 306
Coeff. of linear therm. expansion, parallel	132	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	123	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	1420	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Regional Availability

Europe