

Product Texts

LNP LUBRICOMP KL004A compound is based on Acetal (POM) Homopolymer resin containing 20% PTFE. Added features of this grade include: Wear Resistant.

UL Yellow Card Link [E207780-101281606](https://www.ulprospector.com/usa/Products/Plastics/207780-101281606)

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	2.1	mm/mm	ASTM D 955
Mold Shrinkage, TD	2.1	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2400	MPa	ISO 527
Strain at break	9.4	%	ISO 527
Flexural modulus	2400	MPa	ISO 178
Izod impact strength, +23°C, 4mm	30	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C, 4mm	4	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Modulus	2550	MPa	ASTM D 638
Tensile Strength at Break	56	MPa	ASTM D 638
Elongation at Break	11.4	%	ASTM D 638
Flexural Modulus	2620	MPa	ASTM D 790
Izod Impact notched, 1/8 in	42	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	560	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	98	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
ASTM Data			
DTUL @ 264 psi	95	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.23	%	ASTM D 570

Characteristics

Processing

Injection Molding

Regional Availability

Asia Pacific