

Product Texts

LNP LUBRICOMP EX10405H compound is based on Polyetherimide (PEI) resin containing proprietary fillers. Added features of this grade include: Wear Resistant, Healthcare.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	21540	MPa	ASTM D 638
Tensile Strength at Break	216	MPa	ASTM D 638
Elongation at Break	1.3	%	ASTM D 638
Flexural Modulus	17300	MPa	ASTM D 790
Izod Impact notched, 1/8 in	56	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	476	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	213	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1400	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	150	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.02	%	-
Melt temperature	360 - 400	°C	-
Mold temperature	140 - 180	°C	-
Zone 1	360 - 380	°C	-
Zone 2	370 - 390	°C	-
Zone 3	380 - 400	°C	-
Back pressure	0.3 - 0.7	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific