

Product Texts

LNP LUBRICOMP DP003EH compound is based on Polycarbonate (PC) resin containing 15% PTFE/silicone. Added features of this grade include: Easy Molding, Wear Resistant, Healthcare.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	46	MPa	ASTM D 638
Tensile Strength at Break	40	MPa	ASTM D 638
Elongation at Yield	5	%	ASTM D 638
Elongation at Break	17	%	ASTM D 638
Flexural Modulus	2060	MPa	ASTM D 790
Flexural Strength	77	MPa	ASTM D 790
Izod Impact notched, 1/8 in	128	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	1710	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Density	1250	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	300 - 315	°C	-
Mold temperature	80 - 110	°C	-
Zone 1	295 - 305	°C	-
Zone 2	305 - 315	°C	-
Zone 3	310 - 320	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.2 - 0.3	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific