

Product Texts

LNP LUBRICOMP C2801 compound is based on Polycarbonate / Acrylonitrile Butadiene Styrene (PC/ABS) blend containing 5% PTFE. Added features of this grade include: Wear Resistant and Flame Retardant suitable for moving components in business equipment. Medium Heat performance.

UL Yellow Card Link [E207780-228469](https://www.ul.com/yellow-card/E207780-228469)

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	62	MPa	ASTM D 638
Tensile Strength at Break	51	MPa	ASTM D 638
Elongation at Break	110	%	ASTM D 638
Izod Impact notched, 1/8 in	133	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at 1.5 mm nom. thickn. Thickness tested	V-0 1.5	class mm	IEC 60695-11-10 -
Burning behav. at thickness h Thickness tested	V-1 1.0	class mm	IEC 60695-11-10 -
Burning behav. 5V at thickness h Thickness tested	5VB 2.5	class mm	IEC 60695-11-20 -

Other properties	Value	Unit	Test Standard
Density	1220	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	75 - 80	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.04	%	-
Melt temperature	230 - 275	°C	-
Mold temperature	50 - 70	°C	-
Zone 1	210 - 255	°C	-
Zone 2	215 - 260	°C	-
Zone 3	225 - 275	°C	-
Screw speed	40 - 70	rpm	-
Back pressure	0.3 - 0.7	MPa	-

Characteristics

Processing

Injection Molding

Additives

Flame retarding agent

Special Characteristics

Flame retardant

Applications

Automotive

Regional Availability

North America, Europe, Asia Pacific