

**Product Texts**

LNP LUBRICOMP UFL269SA compound is based on Polyphthalamide (PPA) resin containing 30% glass fiber, 10% PTFE. Added features of this grade include: Wear Resistant, Heat Stabilized, Flame Retardant.

UL Yellow Card Link [E207780-103093683](https://www.ulprospector.com/PA/properties/207780-103093683)

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.3	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.8	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	13650	MPa	ASTM D 638
Tensile Strength at Break	162	MPa	ASTM D 638
Elongation at Break	1.7	%	ASTM D 638
Flexural Modulus	12820	MPa	ASTM D 790
Flexural Strength	227	MPa	ASTM D 790
Izod Impact notched, 1/8 in	85	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	461	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Burning behav. at 1.5 mm nom. thickn. Thickness tested	V-0 1.5	class mm	IEC 60695-11-10 -
<b>ASTM Data</b>			
DTUL @ 264 psi	273	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1710	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.15	%	-
Melt temperature	315 - 330	°C	-
Mold temperature	150 - 170	°C	-
Zone 1	310 - 320	°C	-
Zone 2	315 - 325	°C	-
Zone 3	325 - 340	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.2 - 0.3	MPa	-

**Characteristics**

**Processing**

Injection Molding

**Applications**

Automotive

**Additives**

Flame retarding agent

**Regional Availability**

North America, Europe, Asia Pacific

**Special Characteristics**

Flame retardant