

**Product Texts**

LNP LUBRICOMP JD4901 compound is based on Polyetherimide (PEI) resin containing 20% glass fiber, 10% PTFE. Added features of this grade include: Wear Resistant.

UL Yellow Card Link [E45587-236987](https://www.ulprospector.com/usa/Products/Plastics/PEI/PEI+PTFE-GF20)

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Flexural Modulus	<b>6470</b>	MPa	ASTM D 790
Flexural Strength	<b>190</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>78</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Burning behav. at thickness h	<b>V-0</b>	class	IEC 60695-11-10
Thickness tested	<b>0.8</b>	mm	-
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>213</b>	°C	ASTM D 648

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Surface Resistivity	<b>&gt;1E15</b>	Ohm	ASTM D 257

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1480</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>150</b>	°C	-
Pre-drying - Time	<b>4 - 6</b>	h	-
Processing humidity	<b>≤0.02</b>	%	-
Melt temperature	<b>380 - 410</b>	°C	-
Mold temperature	<b>140 - 170</b>	°C	-
Zone 1	<b>360 - 390</b>	°C	-
Zone 2	<b>370 - 400</b>	°C	-
Zone 3	<b>380 - 410</b>	°C	-

**Characteristics**

**Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific