

## SABIC Innovative Plastics LNP LUBRICOMP JX00061 PES (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyethersulfone (PES)

### Material Notes:

LNP\* Lubricomp\* JX00061 is a compound based on Polyethersulfone resin containing Carbon Fiber, Proprietary Lubricant. Added features of this material include: Electrically Conductive.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-LUBRICOMP-JX00061-PES-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-JX00061-PES-Europe-Africa-Middle-East.php)

Physical Properties	Metric	English	Comments
Density	1.53 g/cc	0.0553 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage, Flow	0.0010 - 0.0030 cm/cm	0.0010 - 0.0030 in/in	on Tensile Bar; SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	104 MPa	15100 psi	5 mm/min; ISO 527
Elongation at Break	1.4 %	1.4 %	5 mm/min; ISO 527
Tensile Modulus	10.0 GPa	1450 ksi	1 mm/min; ISO 527
Flexural Strength	139 MPa	20200 psi	2 mm/min; ISO 178
Flexural Modulus	7.70 GPa	1120 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	6.00 kJ/m <sup>2</sup>	2.86 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	20.0 kJ/m <sup>2</sup>	9.52 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	16.0 Åµm/m-Å°C	8.89 Åµin/in-Å°F	ISO 11359-2
	@Temperature 23.0 - 60.0 Å°C	@Temperature 73.4 - 140 Å°F	
CTE, linear, Transverse to Flow	51.0 Åµm/m-Å°C	28.3 Åµin/in-Å°F	ISO 11359-2
	@Temperature 23.0 - 60.0 Å°C	@Temperature 73.4 - 140 Å°F	
Deflection Temperature at 0.46 MPa (66 psi)	226 Å°C	439 Å°F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	221 Å°C	430 Å°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

Electrical Properties	Metric	English	Comments
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Surface Resistance Electrical Properties	10 - 10000 ohm Metric	10 - 10000 ohm English	ASTM D257 Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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