

## SABIC Innovative Plastics LNP LUBRICOMP GL003XXP PSU (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polysulfone (PSU)

**Material Notes:**

LNP\* LUBRICOMP\* GL003XXP is a compound based on Polysulfone resin containing PTFE. Added features include; Internally Lubricated.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-LUBRICOMP-GL003XXP-PSU-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-GL003XXP-PSU-Europe-Africa-Middle-East.php)

Physical Properties	Metric	English	Comments
Density	1.32 g/cc	0.0477 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage, Flow	0.0050 - 0.0080 cm/cm	0.0050 - 0.0080 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	60.0 MPa	8700 psi	5 mm/min; ISO 527
Elongation at Break	6.0 - 8.0 %	6.0 - 8.0 %	5 mm/min; ISO 527
Tensile Modulus	1.80 GPa	261 ksi	1 mm/min; ISO 527
Flexural Yield Strength	77.0 MPa	11200 psi	2 mm/min; ISO 178
Flexural Modulus	2.40 GPa	348 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	7.00 kJ/m <sup>2</sup>	3.33 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	70.0 kJ/m <sup>2</sup>	33.3 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	180 Â°C	356 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af
Flammability, UL94	V-1 @Thickness 0.800 mm	V-1 @Thickness 0.0315 in	UL 94

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