

**SABIC Innovative Plastics LNP LUBRICOMP ZI001XXX PPE+PS (Asia Pacific)**

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polystyrene (PS)

**Material Notes:**

LNP\* Lubricomp\* ZI001XXX is a compound based on PPE+PS Blend resin.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-LUBRICOMP-ZI001XXX-PPEPS-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-ZI001XXX-PPEPS-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage, Flow	0.0085 cm/cm	0.0085 in/in	ISO 294
	@Time 86400 sec	@Time 24.0 hour	
	0.0080 - 0.010 cm/cm	0.0080 - 0.010 in/in	ASTM D955
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Transverse	0.010 cm/cm	0.010 in/in	ISO 294
	@Time 86400 sec	@Time 24.0 hour	
	0.0090 - 0.020 cm/cm	0.0090 - 0.020 in/in	ASTM D955
	@Time 86400 sec	@Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	47.0 MPa	6820 psi	ISO 527
	51.0 MPa	7400 psi	ASTM D638
Tensile Strength, Yield	37.0 MPa	5370 psi	ISO 527
	43.0 MPa	6240 psi	ASTM D638
Elongation at Break	35.7 %	35.7 %	ASTM D638
	44.7 %	44.7 %	ISO 527
Elongation at Yield	2.3 %	2.3 %	ISO 527
	2.7 %	2.7 %	ASTM D638
Tensile Modulus	2.41 GPa	350 ksi	1 mm/min; ISO 527
	2.75 GPa	399 ksi	50 mm/min; ASTM D638
Flexural Strength	72.0 MPa	10400 psi	ISO 178
Flexural Modulus	2.00 GPa	290 ksi	ISO 178
	2.75 GPa	399 ksi	ASTM D790

Mechanical Properties	Metric	English	Comments
Izod Impact, Unnotched	15.69 J/cm	29.39 ft-lb/in	ASTM D4812
Izod Impact, Notched (ISO)	14.0 kJ/m <sup>2</sup>	6.66 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	135 kJ/m <sup>2</sup>	64.2 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)	118 °C	244 °F	Flatw 80*10*4 sp=64mm; ISO 75/Af
	117 °C @Thickness 3.20 mm	243 °F @Thickness 0.126 in	unannealed; ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China