

## SABIC Innovative Plastics LNP LUBRILOY UX98388 PPA

Category : Polymer , Thermoplastic , Polyphthalamide (PPA)

### Material Notes:

LNP LUBRILOY\* UX98388 is a compound based on Polyphthalamide resin containing Proprietary Lubricant. Added feature of this material is: Wear Resistant.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-LUBRILOY-UX98388-PPA.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRILOY-UX98388-PPA.php)

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in <sup>3</sup>	ISO 1183
Water Absorption	0.34 %	0.34 %	ISO 62-1
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.025 cm/cm	0.025 in/in	SABIC Method
	0.016 cm/cm	0.016 in/in	
Linear Mold Shrinkage, Transverse	@Time 86400 sec	@Time 24.0 hour	ISO 294
	0.016 cm/cm	0.016 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	67.0 MPa	9720 psi	5 mm/min; ISO 527
Tensile Strength, Yield	72.0 MPa	10400 psi	ISO 527
	78.0 MPa	11300 psi	
Elongation at Yield	6.1 %	6.1 %	5 mm/min; ISO 527
Tensile Modulus	2.60 GPa	377 ksi	1 mm/min; ISO 527
Flexural Yield Strength	106 MPa	15400 psi	2 mm/min; ISO 178
Flexural Modulus	2.40 GPa	348 ksi	2 mm/min; ISO 178
	2.50 GPa	363 ksi	
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

Thermal Properties	Metric	English	Comments
CTE, linear, Transverse to Flow	91.0 Åµm/m-Å°C	50.6 Åµin/in-Å°F	ISO 11359-2
	@Temperature 23.0 -	@Temperature 73.4 -	

Thermal Properties	60.0 °C Metric	140 °F English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	131 °C	268 °F	Flatw 80*10*4 sp=64mm; ISO 75/Bf

## Contact Songhan Plastic Technology Co.,Ltd.

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