

## SABIC Innovative Plastics LNP Lubricomp ML003 PP (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

LNP\* Lubricomp\* ML003 is a compound based on Polypropylene resin containing PTFE. This data was supplied by SABIC-IP for the Europe-Africa-Middle East region.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-Lubricomp-ML003-PP-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Lubricomp-ML003-PP-Europe-Africa-Middle-East.php)

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	27.0 MPa	3920 psi	50 mm/min; ISO 527
Tensile Strength, Yield	33.0 MPa	4790 psi	50 mm/min; ISO 527
Elongation at Break	21 %	21 %	50 mm/min; ISO 527
Elongation at Yield	6.5 %	6.5 %	50 mm/min; ISO 527
Tensile Modulus	1.60 GPa	232 ksi	1 mm/min; ISO 527
Flexural Strength	46.0 MPa	6670 psi	2 mm/min; ISO 178
Flexural Modulus	1.70 GPa	247 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	5.00 kJ/m <sup>2</sup> @Temperature 23.0 Â°C	2.38 ft-lb/in <sup>2</sup> @Temperature 73.4 Â°F	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	30.0 kJ/m <sup>2</sup> @Temperature 23.0 Â°C	14.3 ft-lb/in <sup>2</sup> @Temperature 73.4 Â°F	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	95.0 Âµm/m-Â°C @Temperature 23.0 - 60.0 Â°C	52.8 Âµin/in-Â°F @Temperature 73.4 - 140 Â°F	ISO 11359-2
CTE, linear, Transverse to Flow	134 Âµm/m-Â°C @Temperature 23.0 - 60.0 Â°C	74.4 Âµin/in-Â°F @Temperature 73.4 - 140 Â°F	ISO 11359-2
Deflection Temperature at 1.8 MPa			

(264 psi) Thermal Properties	67.0 A°C Metric	153 A°F English	Flatw 80*10*4 sp=64mm; ISO 75/At Comments
---------------------------------	--------------------	--------------------	--

## 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