

## SABIC Innovative Plastics LNP Thermocomp MX96070 PP (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

LNP\* STARFLAM\* MX96070 is a compound based on Polypropylene resin containing Flame Retardant. Added features include: Flame Retardant. 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-Thermocomp-MX96070-PP-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermocomp-MX96070-PP-Europe-Africa-Middle-East.php)

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage, Flow	0.021 cm/cm	0.021 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	19.0 MPa	2760 psi	50 mm/min; ISO 527
Tensile Strength, Yield	28.0 MPa	4060 psi	50 mm/min; ISO 527
Elongation at Yield	4.8 %	4.8 %	50 mm/min; ISO 527
Tensile Modulus	2.20 GPa	319 ksi	1 mm/min; ISO 527
Flexural Yield Strength	45.0 MPa	6530 psi	2 mm/min; ISO 178
Flexural Modulus	2.30 GPa	334 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	4.00 kJ/m <sup>2</sup> @Temperature 23.0 Â°C	1.90 ft-lb/in <sup>2</sup> @Temperature 73.4 Â°F	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	25.0 kJ/m <sup>2</sup> @Temperature 23.0 Â°C	11.9 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	98.0 Âµm/m-Â°C @Temperature 23.0 - 60.0 Â°C	54.4 Âµin/in-Â°F @Temperature 73.4 - 140 Â°F	ISO 11359-2
CTE, linear, Transverse to Flow	125 Âµm/m-Â°C @Temperature 23.0 - 60.0 Â°C	69.4 Âµin/in-Â°F @Temperature 73.4 - 140 Â°F	ISO 11359-2
Deflection Temperature at 0.46 MPa			

(56 psi) Thermal Properties	104 Â°C Metric	219 Â°F English	Flatw 80*10*4 sp=64mm; ISO 75/Bf Comments
Deflection Temperature at 1.8 MPa (264 psi)	67.0 Â°C	153 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af
Flammability, UL94	V-0 @Thickness 3.00 mm	V-0 @Thickness 0.118 in	UL 94 by SABIC-IP

## 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