

## SABIC Innovative Plastics LNP Thermocomp OFM66 PPS

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

**Material Notes:**

LNP\* Thermocomp\* OFM66 is a compound based on Polyphenylene Sulfide resin containing Glass Fiber, Mineral. Added features of this material include: Low Warpage. This data was supplied by SABIC-IP for the Americas region.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-Thermocomp-OFM66-PPS.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermocomp-OFM66-PPS.php)

Physical Properties	Metric	English	Comments
Density	1.92 g/cc	0.0694 lb/in <sup>3</sup>	ASTM D 792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	115 MPa	16700 psi	ASTM D 638
Elongation at Break	2.8 %	2.8 %	ASTM D 638
Flexural Strength	172 MPa	24900 psi	ASTM D 790
Flexural Modulus	17.94 GPa	2602 ksi	ASTM D 790
Izod Impact, Notched	0.370 J/cm @Temperature 23.0 Â°C	0.693 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	1.70 J/cm @Temperature 23.0 Â°C	3.18 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	276 Â°C @Thickness 3.20 mm	529 Â°F @Thickness 0.126 in	unannealed; ASTM D 648
Deflection Temperature at 1.8 MPa (264 psi)	254 Â°C @Thickness 3.20 mm	489 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

Electrical Properties	Metric	English	Comments
Dissipation Factor	0.0020 @Frequency 1.00e+6 Hz	0.0020 @Frequency 1.00e+6 Hz	ASTM D 150

**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**