

## SABIC Innovative Plastics LNP Thermocomp FF004 PE (Asia Pacific)

Category : Polymer , Thermoplastic , Polyethylene (PE)

**Material Notes:**

LNP\* THERMOCOMP\* FF004 is a compound based on Polyethylene resin containing Glass Fiber. This data was supplied by SABIC-IP for the Asia Pacific region.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-Thermocomp-FF004-PE-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermocomp-FF004-PE-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in <sup>3</sup>	ASTM D 792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	40.0 MPa	5800 psi	ASTM D 638
Elongation at Break	4.3 %	4.3 %	ASTM D 638
Flexural Strength	48.0 MPa	6960 psi	ASTM D 790
Flexural Modulus	2.41 GPa	350 ksi	ASTM D 790
Izod Impact, Notched	0.640 J/cm @Temperature 23.0 Â°C	1.20 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	3.36 J/cm @Temperature 23.0 Â°C	6.29 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	107 Â°C @Thickness 3.20 mm	225 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

### Contact Songhan Plastic Technology Co.,Ltd.

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