

## SABIC Innovative Plastics LNP THERMOCOMP JF006E PES (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyethersulfone (PES)

**Material Notes:**

LNP\* Thermocomp\* JF006E is a compound based on Polyethersulfone resin containing Glass Fiber. Added features of this material include:  
Easy Molding.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-THERMOCOMP-JF006E-PES-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-JF006E-PES-Europe-Africa-Middle-East.php)

Physical Properties	Metric	English	Comments
Density	1.62 g/cc	0.0585 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage, Flow	0.0020 - 0.0040 cm/cm	0.0020 - 0.0040 in/in	on Tensile Bar; SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	127 MPa	18400 psi	5 mm/min; ISO 527
Elongation at Break	1.8 %	1.8 %	5 mm/min; ISO 527
Tensile Modulus	10.1 GPa	1460 ksi	1 mm/min; ISO 527
Flexural Strength	178 MPa	25800 psi	2 mm/min; ISO 178
Flexural Modulus	9.10 GPa	1320 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	6.00 kJ/m <sup>2</sup>	2.86 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	30.0 kJ/m <sup>2</sup>	14.3 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	208 °C	406 °F	Flatw 80*10*4 sp=64mm; ISO 75/ Af

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

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