

## SABIC Innovative Plastics LNP Thermocomp IF008 PA 6/12

Category : Polymer , Thermoplastic , Nylon , Nylon 612 , Nylon 612, Glass Fiber Filler

### Material Notes:

LNP\* Thermocomp\* IF008 is a compound based on Nylon 6/12 resin containing Glass Fiber. 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-IF008-PA-612.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermocomp-IF008-PA-612.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	175 MPa	25400 psi	ASTM D 638
Flexural Strength	255 MPa	37000 psi	ASTM D 790
Flexural Modulus	10.56 GPa	1532 ksi	ASTM D 790
Izod Impact, Notched	1.01 J/cm @Temperature 23.0 Â°C	1.89 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	199 Â°C @Thickness 3.20 mm	390 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

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