

**SABIC Innovative Plastics LNP THERMOCOMP VF008A PA 66**

Category : Polymer , Thermoplastic , Nylon , Nylon 66

**Material Notes:**

LNP\* THERMOCOMP\* VF008A is a compound based on High Impact Nylon 66 containing 40% Glass Fiber.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-THERMOCOMP-VF008A-PA-66.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-VF008A-PA-66.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.41 g/cc	1.41 g/cc	ASTM D792
Moisture Absorption	0.600 %	0.600 %	50% RH, 24 hrs; ASTM D570
Linear Mold Shrinkage, Flow	0.0040 cm/cm	0.0040 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	158 MPa	22900 psi	Type I, 5 mm/min; ASTM D638
Elongation at Break	3.0 - 4.0 %	3.0 - 4.0 %	Type I, 5 mm/min; ASTM D638
Flexural Strength	227 MPa	32900 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	8.27 GPa	1200 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Unnotched	10.1 J/cm	18.9 ft-lb/in	ASTM D4812
Izod Impact, Notched (ISO)	187 kJ/m <sup>2</sup>	89.0 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	249 Â°C @Thickness 3.20 mm	480 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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