

## SABIC Innovative Plastics LNP THERMOCOMP RF008ESZ PA 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

**Material Notes:**

LNP\* THERMOCOMP\* RF008ESZ is a compound based on Nylon 6/6 containing 40% Glass Fiber. Added features of this grade include: Easy Molding, Heat Stabilized.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-THERMOCOMP-RF008ESZ-PA-66.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-RF008ESZ-PA-66.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.49 g/cc	1.49 g/cc	ASTM D792
Density	1.49 g/cc	0.0538 lb/in <sup>3</sup>	ISO 1183
Moisture Absorption	0.980 %	0.980 %	50% RH, 24 hrs; ASTM D570

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	92	92	ASTM D785
Tensile Strength at Break	168 MPa	24400 psi	5 mm/min; ISO 527
Tensile Modulus	12.85 GPa	1864 ksi	1 mm/min; ISO 527
Izod Impact, Notched	0.940 J/cm	1.76 ft-lb/in	ASTM D256
Izod Impact, Notched (ISO)	7.00 kJ/m <sup>2</sup>	3.33 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)	224 °C	435 °F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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

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