

**SABIC Innovative Plastics LNP THERMOCOMP RF00469S PA 66**

Category : Polymer , Thermoplastic , Nylon , Nylon 66

**Material Notes:**

LNP\* THERMOCOMP\* RF00469S is a compound based on Nylon 66 resin containing 20% Glass Fiber. Added features of this material include: Flame Retardant, Heat Stabilized.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-THERMOCOMP-RF00469S-PA-66.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-RF00469S-PA-66.php)

Physical Properties	Metric	English	Comments
Density	1.53 g/cc	0.0553 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage, Flow	0.0030 - 0.0050 cm/cm @Time 86400 sec	0.0030 - 0.0050 in/in @Time 24.0 hour	ASTM D955
Linear Mold Shrinkage, Transverse	0.010 - 0.012 cm/cm @Time 86400 sec	0.010 - 0.012 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	136 MPa	19700 psi	ASTM D638
Elongation at Break	3.3 %	3.3 %	ASTM D638
Flexural Strength	199 MPa	28900 psi	ASTM D790
Flexural Modulus	7.50 GPa	1090 ksi	ASTM D790
Izod Impact, Notched	0.850 J/cm	1.59 ft-lb/in	ASTM D256
Izod Impact, Unnotched	6.77 J/cm	12.7 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0 @Thickness 1.70 mm	V-0 @Thickness 0.0669 in	UL 94 by SABIC-IP

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