

**SABIC Innovative Plastics LNP THERMOCOMP RZ006SXP PA 66**

Category : Polymer , Thermoplastic , Nylon , Nylon 66

**Material Notes:**

LNP\* THERMOCOMP\* RZ006SXP is a compound based on Nylon 66 resin containing 30% Milled Glass. Added feature of this material is:  
Heat Stabilized.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-THERMOCOMP-RZ006SXP-PA-66.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-RZ006SXP-PA-66.php)

Physical Properties	Metric	English	Comments
Density	1.42 g/cc	0.0513 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage, Flow	0.014 cm/cm @Time 86400 sec	0.014 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	60.0 MPa	8700 psi	ASTM D638
Elongation at Break	3.3 %	3.3 %	ASTM D638
Tensile Modulus	4.93 GPa	715 ksi	50 mm/min; ASTM D638
Flexural Strength	96.0 MPa	13900 psi	ASTM D790
Flexural Modulus	3.66 GPa	531 ksi	ASTM D790
Izod Impact, Notched	0.370 J/cm	0.693 ft-lb/in	ASTM D256
Izod Impact, Unnotched	3.19 J/cm	5.98 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	118 Â°C @Thickness 3.20 mm	244 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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