

## SABIC Innovative Plastics LNP COLORCOMP R1000S PA 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

**Material Notes:**

LNP COLORCOMP\* R1000S is an unfilled Nylon 66. Added features of this material is: Heat Stabilized.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-COLORCOMP-R1000S-PA-66.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-COLORCOMP-R1000S-PA-66.php)

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in <sup>3</sup>	ASTM D792
	1.23 g/cc	0.0444 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	75.0 MPa	10900 psi	ISO 527
Elongation at Yield	10 %	10 %	ISO 527
Tensile Modulus	3.40 GPa	493 ksi	1 mm/min; ISO 527
Flexural Strength	11.0 MPa	1600 psi	ISO 178
Flexural Modulus	3.20 GPa	464 ksi	ISO 178
Izod Impact, Notched (ISO)	4.00 kJ/m <sup>2</sup>	1.90 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)	75.0 °C	167 °F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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