

## SABIC Innovative Plastics LNP THERMOCOMP IX95700 PA6.12

Category : Polymer , Thermoplastic , Nylon , Nylon 612

**Material Notes:**

LNP\* THERMOCOMP\* IX95700 is a compound based on Nylon 6/12 resin containing Glass Fiber.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-THERMOCOMP-IX95700-PA612.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-IX95700-PA612.php)

Physical Properties	Metric	English	Comments
Density	1.33 g/cc	0.0480 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	173 MPa	25100 psi	ASTM D638
Elongation at Break	3.2 %	3.2 %	ASTM D638
Tensile Modulus	9.37 GPa	1360 ksi	50 mm/min; ASTM D638
Flexural Strength	262 MPa	38000 psi	ASTM D790
Flexural Modulus	9.10 GPa	1320 ksi	ASTM D790
Izod Impact, Notched	0.960 J/cm	1.80 ft-lb/in	ASTM D256
Izod Impact, Unnotched	10.51 J/cm	19.69 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	208 Å°C @Thickness 3.20 mm	406 Å°F @Thickness 0.126 in	unannealed; ASTM D648

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