

## SABIC Innovative Plastics LNP THERMOCOMP QF004 PA 6/10

Category : Polymer , Thermoplastic , Nylon , Nylon 610

**Material Notes:**

LNP\* THERMOCOMP\* QF004 is a compound based on Nylon 6/10 resin containing 20% Glass Fiber.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-THERMOCOMP-QF004-PA-610.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-QF004-PA-610.php)

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	111 MPa	16100 psi	ASTM D638
Elongation at Break	2.4 %	2.4 %	ASTM D638
Tensile Modulus	6.37 GPa	924 ksi	50 mm/min; ASTM D638
Flexural Strength	158 MPa	22900 psi	ASTM D790
Flexural Modulus	5.92 GPa	859 ksi	ASTM D790
Izod Impact, Notched	0.480 J/cm	0.899 ft-lb/in	ASTM D256
Izod Impact, Unnotched	4.32 J/cm	8.09 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	203 Å°C @Thickness 3.20 mm	397 Å°F @Thickness 0.126 in	unannealed; ASTM D648

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