

## SABIC Innovative Plastics LNP THERMOCOMP LX09404 PEEK

Category : Polymer , Thermoplastic , Polyketone , Polyetheretherketone (PEEK)

**Material Notes:**

LNP\* THERMOCOMP\* LX09404 is a compound based on Polyetheretherketone resin containing Carbon Fiber.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-THERMOCOMP-LX09404-PEEK.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-LX09404-PEEK.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.47 g/cc	1.47 g/cc	ASTM D792
Moisture Absorption	0.410 %	0.410 %	50% RH, 24 hrs; ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	280 MPa	40600 psi	Type I, 5 mm/min; ASTM D638
Elongation at Break	1.3 %	1.3 %	Type I, 5 mm/min; ASTM D638
Tensile Modulus	41.5 GPa	6020 ksi	5 mm/min; ASTM D638
Flexural Strength	424 MPa	61500 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	29.65 GPa	4300 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	0.930 J/cm	1.74 ft-lb/in	ASTM D256
Izod Impact, Unnotched	8.28 J/cm	15.5 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	332 Â°C @Thickness 3.20 mm	630 Â°F @Thickness 0.126 in	unannealed; ASTM D648

### Contact Songhan Plastic Technology Co.,Ltd.

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