

## SABIC Innovative Plastics LNP THERMOCOMP 9X94104 PEI (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyetherimide (PEI)

**Material Notes:**

LNP\* THERMOCOMP\* 9X94104 is a compound based on Polyetherimide resin containing Glass Fiber.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-THERMOCOMP-9X94104-PEI-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-9X94104-PEI-Europe-Africa-Middle-East.php)

Physical Properties	Metric	English	Comments
Density	1.60 g/cc	0.0578 lb/in <sup>3</sup>	ISO 1183
Water Absorption	0.30 % @Time 86400 sec	0.30 % @Time 24.0 hour	ISO 62-1
Linear Mold Shrinkage, Flow	0.0015 cm/cm	0.0015 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	169 MPa	24500 psi	5 mm/min; ISO 527
Elongation at Break	1.5 %	1.5 %	5 mm/min; ISO 527
	2.2 %	2.2 %	Flexural Strain, break, 2 mm/min; ISO 178
Tensile Modulus	14.5 GPa	2100 ksi	1 mm/min; ISO 527
Flexural Yield Strength	207 MPa	30000 psi	2 mm/min; ISO 178
Flexural Modulus	10.3 GPa	1490 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	9.00 kJ/m <sup>2</sup>	4.28 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	30.0 kJ/m <sup>2</sup>	14.3 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	210 Â°C	410 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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

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