

## SABIC Innovative Plastics LNP Thermocomp DX99721 PC

Category : Polymer , Thermoplastic , Polycarbonate (PC)

**Material Notes:**

LNP\* Thermocomp\* DX99721 is a compound based on Polycarbonate resin containing Glass Fiber. This data was supplied by SABIC-IP for the Americas region.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-Thermocomp-DX99721-PC.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermocomp-DX99721-PC.php)

Physical Properties	Metric	English	Comments
Density	1.28 g/cc	0.0462 lb/in <sup>3</sup>	ASTM D 792
Linear Mold Shrinkage, Flow	0.0070 cm/cm @Time 86400 sec	0.0070 in/in @Time 24.0 hour	ASTM D 955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	67.0 MPa	9720 psi	ASTM D 638
Elongation at Break	4.1 %	4.1 %	ASTM D 638
Tensile Modulus	3.73 GPa	541 ksi	50 mm/min; ASTM D 638
Flexural Strength	110 MPa	16000 psi	ASTM D 790
Flexural Modulus	3.48 GPa	505 ksi	ASTM D 790
Izod Impact, Notched	0.740 J/cm @Temperature 23.0 Â°C	1.39 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	9.92 J/cm @Temperature 23.0 Â°C	18.6 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	139 Â°C @Thickness 3.20 mm	282 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

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