

**SABIC Innovative Plastics LNP THERMOCOMP DX06412H PC (Asia Pacific)**

Category : Polymer , Thermoplastic , Polycarbonate (PC)

**Material Notes:**

LNP\* Thermocomp\* DX06412H is a compound based on Polycarbonate resin containing Glass Fiber. Added features of this material include: Easy Molding, Mold Release.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-THERMOCOMP-DX06412H-PC-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-DX06412H-PC-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Density	1.43 g/cc	0.0517 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage, Flow	0.0020 cm/cm @Time 86400 sec	0.0020 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	117 MPa	17000 psi	ASTM D638
Elongation at Break	2.4 %	2.4 %	ASTM D638
Tensile Modulus	9.03 GPa	1310 ksi	50 mm/min; ASTM D638
Flexural Strength	172 MPa	24900 psi	ASTM D790
Flexural Modulus	8.41 GPa	1220 ksi	ASTM D790
Izod Impact, Notched	0.900 J/cm	1.69 ft-lb/in	ASTM D256
Izod Impact, Unnotched	7.29 J/cm	13.7 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	135 Å°C @Thickness 3.20 mm	275 Å°F @Thickness 0.126 in	unannealed; ASTM D648

**Contact Songhan Plastic Technology Co.,Ltd.**Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China