

## SABIC Innovative Plastics LNP Thermocomp DF002L PC (Asia Pacific)

Category : Polymer , Thermoplastic , Polycarbonate (PC)

**Material Notes:**

LNP\* THERMOCOMP\* DF002L is a compound based on Polycarbonate resin containing Glass Fiber. Added features of this material include:

Low Extractible. This data was supplied by SABIC-IP for the Asia Pacific region.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-Thermocomp-DF002L-PC-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermocomp-DF002L-PC-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/in <sup>3</sup>	ASTM D 792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	77.0 MPa	11200 psi	ASTM D 638
Elongation at Break	4.1 %	4.1 %	ASTM D 638
Tensile Modulus	3.96 GPa	574 ksi	50 mm/min; ASTM D 638
Flexural Strength	20.0 MPa	2900 psi	ASTM D 790
Flexural Modulus	3.99 GPa	579 ksi	ASTM D 790
Izod Impact, Notched	1.22 J/cm @Temperature 23.0 Â°C	2.29 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	9.77 J/cm @Temperature 23.0 Â°C	18.3 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	142 Â°C @Thickness 3.20 mm	288 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

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