

**SABIC Innovative Plastics LNP Thermocomp WH0500B PBT (Asia Pacific)**

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT)

**Material Notes:**

LNP\* THERMOCOMP\* WH0500B is a compound based on Polybutylene Terephthalate resin containing High Specific Gravity Filler. Added features of this material include: High Specific Gravity. 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-WH0500B-PBT-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermocomp-WH0500B-PBT-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Density	5.00 g/cc	0.181 lb/in <sup>3</sup>	ASTM D 792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	31.0 MPa	4500 psi	ASTM D 638
Elongation at Break	5.0 %	5.0 %	ASTM D 638
Flexural Strength	62.0 MPa	8990 psi	ASTM D 790
Flexural Modulus	2.17 GPa	315 ksi	ASTM D 790
Izod Impact, Notched	0.480 J/cm @Temperature 23.0 Â°C	0.899 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	8.01 J/cm @Temperature 23.0 Â°C	15.0 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	76.0 Â°C @Thickness 3.20 mm	169 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

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