

## SABIC Innovative Plastics LNP THERMOCOMP WF006H PBT

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

**Material Notes:**

LNP\* THERMOCOMP\* WF006H is a compound based on PBT resin containing 30% Glass Fiber. Added feature of this grade is: Healthcare.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-THERMOCOMP-WF006H-PBT.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-WF006H-PBT.php)

Physical Properties	Metric	English	Comments
Density	1.62 g/cc	0.0585 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage, Flow	0.0060 cm/cm @Time 86400 sec	0.0060 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	119 MPa	17300 psi	ASTM D638
Elongation at Break	2.7 %	2.7 %	ASTM D638
Tensile Modulus	10.44 GPa	1514 ksi	50 mm/min; ASTM D638
Flexural Strength	186 MPa	27000 psi	ASTM D790
Flexural Modulus	9.44 GPa	1370 ksi	ASTM D790
Izod Impact, Notched	0.690 J/cm	1.29 ft-lb/in	ASTM D256
Izod Impact, Unnotched	7.13 J/cm	13.4 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	208 Å°C @Thickness 3.20 mm	406 Å°F @Thickness 0.126 in	unannealed; ASTM D648

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