

## SABIC Innovative Plastics LNP THERMOCOMP WX05502 Polyester, TP (Asia Pacific)

Category : Polymer , Thermoplastic , Polyester, TP

**Material Notes:**

LNP\* THERMOCOMP\* WX05502 is a compound based on Polyester, TP resin containing Flame Retardant, Mineral, Glass Fiber. Added features of this material include: Flame Retardant.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-THERMOCOMP-WX05502-Polyester-TP-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-WX05502-Polyester-TP-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Density	1.83 g/cc	0.0661 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	97.0 MPa	14100 psi	ASTM D638
Elongation at Break	1.5 %	1.5 %	ASTM D638
Tensile Modulus	13.92 GPa	2019 ksi	50 mm/min; ASTM D638
Flexural Strength	131 MPa	19000 psi	ASTM D790
Flexural Modulus	19.16 GPa	2779 ksi	ASTM D790
Izod Impact, Notched	0.480 J/cm	0.899 ft-lb/in	ASTM D256
Izod Impact, Unnotched	3.20 J/cm	5.99 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	209 °C @Thickness 3.20 mm	408 °F @Thickness 0.126 in	unannealed; ASTM D648

### Contact Songhan Plastic Technology Co.,Ltd.

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