

SABIC Innovative Plastics LNP THERMOCOMP WX93111 PBT (Europe-Africa-Middle East)

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

Material Notes:

LNP* THERMOCOMP* WX93111 is a compound based on Polybutylene Terephthalate resin containing Flame retardant , Glass Fiber, Proprietary filler. Added features include : Improved CTI.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-WX93111-PBT-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.80 g/cc	0.0650 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0030 cm/cm	0.0030 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	43.0 MPa	6240 psi	5 mm/min; ISO 527
Elongation at Break	0.60 %	0.60 %	5 mm/min; ISO 527
Tensile Modulus	8.90 GPa	1290 ksi	1 mm/min; ISO 527
Flexural Yield Strength	244 MPa	35400 psi	2 mm/min; ISO 178
Flexural Modulus	8.90 GPa	1290 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	4.00 kJ/m ²	1.90 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	5.00 kJ/m ²	2.38 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	34.0 Åµm/m-Å°C	18.9 Åµin/in-Å°F	ISO 11359-2
	@Temperature 23.0 - 60.0 Å°C	@Temperature 73.4 - 140 Å°F	
CTE, linear, Transverse to Flow	77.0 Åµm/m-Å°C	42.8 Åµin/in-Å°F	ISO 11359-2
	@Temperature 23.0 - 60.0 Å°C	@Temperature 73.4 - 140 Å°F	
Deflection Temperature at 1.8 MPa (264 psi)	135 Å°C	275 Å°F	Flatw 80*10*4 sp=64mm; ISO 75/Af
Flammability, UL94	V-0	V-0	UL 94 by SABIC-IP
	@Thickness 3.00 mm	@Thickness 0.118 in	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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