

SABIC Innovative Plastics LNP COLORCOMP WX96084 PBT (Europe-Africa-Middle East)

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

Material Notes:

LNP* COLORCOMP* WX96084 is a compound based on Polybutylene Terephthalate resin. Added features include: Custom Color White.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-COLORCOMP-WX96084-PBT-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.023 cm/cm	0.023 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	46.0 MPa	6670 psi	5 mm/min; ISO 527
Elongation at Yield	26.3 %	26.3 %	5 mm/min; ISO 527
Tensile Modulus	2.00 GPa	290 ksi	1 mm/min; ISO 527
Flexural Yield Strength	63.0 MPa	9140 psi	2 mm/min; ISO 178
Flexural Modulus	1.90 GPa	276 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	10.0 kJ/m ²	4.76 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	140 kJ/m ²	66.6 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	113 µm/m-°C @Temperature 23.0 - 60.0 °C	62.8 µin/in-°F @Temperature 73.4 - 140 °F	ISO 11359-2
CTE, linear, Transverse to Flow	120 µm/m-°C @Temperature 23.0 - 60.0 °C	66.7 µin/in-°F @Temperature 73.4 - 140 °F	ISO 11359-2

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