

SABIC Innovative Plastics LNP LUBRICOMP WL003 PBT (Europe-Africa-Middle East)

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

Material Notes:

LNP* Lubricomp* WL003 is a compound based on Polybutylene Terephthalate resin containing PTFE.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-WL003-PBT-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	42.0 MPa	6090 psi	5 mm/min; ISO 527
Elongation at Break	12 %	12 %	5 mm/min; ISO 527
Tensile Modulus	2.40 GPa	348 ksi	1 mm/min; ISO 527
Flexural Yield Strength	71.0 MPa	10300 psi	2 mm/min; ISO 178
Flexural Modulus	2.40 GPa	348 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)	30.0 kJ/m ²	14.3 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	158 Â°C	316 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	59.0 Â°C	138 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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