

SABIC Innovative Plastics LNP LUBRICOMP WX95752L PBT

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

Material Notes:

LNP* Lubricomp* WX95752L is a compound based on Polybutylene Terephthalate resin. Added features of this material include: Internally Lubricated, Low Extractible.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-WX95752L-PBT.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.030 cm/cm @Time 86400 sec	0.030 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	44.0 MPa	6380 psi	ASTM D638
Elongation at Break	30.6 %	30.6 %	ASTM D638
Tensile Modulus	2.40 GPa	348 ksi	50 mm/min; ASTM D638
Flexural Strength	68.0 MPa	9860 psi	ASTM D790
Flexural Modulus	2.35 GPa	341 ksi	ASTM D790
Izod Impact, Notched	0.580 J/cm	1.09 ft-lb/in	ASTM D256
Izod Impact, Unnotched	13.69 J/cm	25.65 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	55.0 Â°C @Thickness 3.20 mm	131 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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