

SABIC Innovative Plastics LNP LUBRICOMP YL003 Polyester Elastomer (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyester, TP

Material Notes:

LNP* LUBRICOMP* YL003 is a compound based on Polyester Elastomer containing PTFE. Added features include; Internally Lubricated.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-YL003-Polyester-Elastomer-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.28 g/cc	0.0462 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.023 cm/cm	0.023 in/in	SABIC Method
	0.015 - 0.025 cm/cm @Time 86400 sec	0.015 - 0.025 in/in @Time 24.0 hour	ISO 294
Linear Mold Shrinkage, Transverse	0.015 - 0.025 cm/cm @Time 86400 sec	0.015 - 0.025 in/in @Time 24.0 hour	ISO 294

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.0 MPa	3480 psi	50 mm/min; ISO 527
Elongation at Break	455 %	455 %	50 mm/min; ISO 527
Tensile Modulus	0.180 GPa	26.1 ksi	1 mm/min; ISO 527
Flexural Yield Strength	12.0 MPa	1740 psi	2 mm/min; ISO 178
Flexural Modulus	0.230 GPa	33.4 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	21.0 kJ/m ²	9.99 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	NB	NB	80*10*4; ISO 180/1U

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