

SABIC Innovative Plastics LNP LUBRICOMP YP003 Polyester Elastomer (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyester, TP

Material Notes:

LNP* LUBRICOMP* YP003 is a compound based on Polyester Elastomer containing PTFE, Silicone. Added features include; Internally Lubricated.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-YP003-Polyester-Elastomer-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.022 cm/cm	0.022 in/in	SABIC Method
	0.015 - 0.025 cm/cm	0.015 - 0.025 in/in	ISO 294
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Transverse	0.015 - 0.025 cm/cm	0.015 - 0.025 in/in	ISO 294
	@Time 86400 sec	@Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	20.0 MPa	2900 psi	50 mm/min; ISO 527
Elongation at Break	365 %	365 %	50 mm/min; ISO 527
Tensile Modulus	0.160 GPa	23.2 ksi	1 mm/min; ISO 527
Flexural Yield Strength	10.0 MPa	1450 psi	2 mm/min; ISO 178
Flexural Modulus	0.200 GPa	29.0 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	34.0 kJ/m ²	16.2 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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