

SABIC Innovative Plastics LNP LUBRICOMP FL004 PE (Asia Pacific)

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

LNP* Lubricomp* FL004 is a compound based on Polyethylene resin containing PTFE. Added features of this material include: Internally Lubricated.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-FL004-PE-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.020 cm/cm @Time 86400 sec	0.020 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	25.0 MPa	3630 psi	ASTM D638
Elongation at Break	42 %	42 %	ASTM D638
Tensile Modulus	1.43 GPa	207 ksi	50 mm/min; ASTM D638
Flexural Strength	20.0 MPa	2900 psi	ASTM D790
Flexural Modulus	1.00 GPa	145 ksi	ASTM D790
Izod Impact, Notched	0.260 J/cm	0.487 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	46.0 Â°C @Thickness 3.20 mm	115 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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