

SABIC Innovative Plastics LNP LUBRICOMP ML004S PP (Asia Pacific)

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

LNP* Lubricomp* ML004S is a compound based on Polypropylene resin containing PTFE. Added features of this material include: Internally Lubricated, Heat Stabilized.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-ML004S-PP-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.014 cm/cm @Time 86400 sec	0.014 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	30.0 MPa	4350 psi	ASTM D638
Elongation at Break	6.2 %	6.2 %	ASTM D638
Tensile Modulus	1.76 GPa	255 ksi	50 mm/min; ASTM D638
Flexural Strength	41.0 MPa	5950 psi	ASTM D790
Flexural Modulus	1.55 GPa	225 ksi	ASTM D790
Izod Impact, Notched	0.260 J/cm	0.487 ft-lb/in	ASTM D256
Izod Impact, Unnotched	2.79 J/cm	5.23 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	62.0 Å°C @Thickness 3.20 mm	144 Å°F @Thickness 0.126 in	unannealed; ASTM D648

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