

SABIC Innovative Plastics LNP LUBRICOMP ML004LS PP (Asia Pacific)

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

LNP* Lubricomp* ML004LS is a compound based on Polypropylene resin containing PTFE. Added features of this material include:
Internally Lubricated, Heat Stabilized, Low Extractible.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-ML004LS-PP-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	28.0 MPa	4060 psi	ASTM D638
Elongation at Break	32 %	32 %	ASTM D638
Tensile Modulus	1.58 GPa	229 ksi	50 mm/min; ASTM D638
Flexural Strength	34.0 MPa	4930 psi	ASTM D790
Flexural Modulus	1.37 GPa	199 ksi	ASTM D790
Izod Impact, Notched	0.210 J/cm	0.393 ft-lb/in	ASTM D256
Izod Impact, Unnotched	3.20 J/cm	5.99 ft-lb/in	ASTM D4812

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

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