

SABIC Innovative Plastics LNP LUBRICOMP MFL36S PP

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

LNP* LUBRICOMP* MFL36S is a compound based on Polypropylene resin containing 30% Glass Fiber, 15% PTFE. Added features of this material include: Heat Stabilized, Wear Resistant.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-MFL36S-PP.php

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0040 cm/cm @Time 86400 sec	0.0040 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	71.0 MPa	10300 psi	ASTM D638
Elongation at Break	2.9 %	2.9 %	ASTM D638
Tensile Modulus	7.60 GPa	1100 ksi	50 mm/min; ASTM D638
Flexural Strength	117 MPa	17000 psi	ASTM D790
Flexural Modulus	5.87 GPa	851 ksi	ASTM D790
Izod Impact, Notched	0.900 J/cm	1.69 ft-lb/in	ASTM D256
Izod Impact, Unnotched	5.90 J/cm	11.1 ft-lb/in	ASTM D4812

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