

SABIC Innovative Plastics LNP LUBRICOMP AL001 ABS

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

LNP LUBRICOMP* AL-4010 HP is a compound based on Acrylonitrile Butadiene Styrene resin containing 5% 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-AL001-ABS.php

Physical Properties	Metric	English	Comments
Density	1.09 g/cc	0.0394 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0070 cm/cm @Time 86400 sec	0.0070 in/in @Time 24.0 hour	ASTM D955
Linear Mold Shrinkage, Transverse	0.0070 cm/cm @Time 86400 sec	0.0070 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	39.0 MPa	5660 psi	ASTM D638
Elongation at Break	15 %	15 %	ASTM D638
Flexural Strength	69.0 MPa	10000 psi	ASTM D790
Flexural Modulus	2.46 GPa	357 ksi	ASTM D790
Izod Impact, Notched	1.01 J/cm	1.89 ft-lb/in	ASTM D256
Izod Impact, Unnotched	5.87 J/cm	11.0 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	80.0 °C @Thickness 3.20 mm	176 °F @Thickness 0.126 in	unannealed; ASTM D648

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