

SABIC Innovative Plastics LNP Lubricomp DP003F PC (Asia Pacific)

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

LNP LUBRICOMP* DP003F is a compound based on Polycarbonate resin containing Silicone, PTFE. Added features of this material include: Internally Lubricated. This data was supplied by SABIC-IP for the Asia Pacific region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Lubricomp-DP003F-PC-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/in ³	ASTM D 792
Linear Mold Shrinkage, Flow	0.0080 cm/cm @Time 86400 sec	0.0080 in/in @Time 24.0 hour	ASTM D 955
Linear Mold Shrinkage, Transverse	0.0080 cm/cm @Time 86400 sec	0.0080 in/in @Time 24.0 hour	ASTM D 955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	48.0 MPa	6960 psi	ASTM D 638
Tensile Strength, Yield	42.0 MPa	6090 psi	ASTM D 638
Elongation at Break	15.3 %	15.3 %	ASTM D 638
Elongation at Yield	5.4 %	5.4 %	ASTM D 638
Flexural Strength	75.0 MPa	10900 psi	ASTM D 790
Flexural Modulus	2.15 GPa	312 ksi	ASTM D 790
Izod Impact, Notched	1.60 J/cm @Temperature 23.0 °C	3.00 ft-lb/in @Temperature 73.4 °F	ASTM D 256
Izod Impact, Unnotched	15.48 J/cm @Temperature 23.0 °C	29.00 ft-lb/in @Temperature 73.4 °F	ASTM D 4812

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