

SABIC Innovative Plastics LNP LUBRICOMP DFL36HL PC (Asia Pacific)

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

LNP* LUBRICOMP* DFL36HL is a compound based on Polycarbonate resin containing PTFE, Glass Fiber. 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-DFL36HL-PC-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.55 g/cc	0.0560 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	114 MPa	16500 psi	ASTM D638
Elongation at Break	2.7 %	2.7 %	ASTM D638
Tensile Modulus	9.58 GPa	1390 ksi	50 mm/min; ASTM D638
Flexural Strength	186 MPa	27000 psi	ASTM D790
Flexural Modulus	8.68 GPa	1260 ksi	ASTM D790
Izod Impact, Notched	1.97 J/cm	3.69 ft-lb/in	ASTM D256
Izod Impact, Unnotched	8.27 J/cm	15.5 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	145 °C @Thickness 3.20 mm	293 °F @Thickness 0.126 in	unannealed; ASTM D648

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