

SABIC Innovative Plastics LNP LUBRICOMP DFP36 PC

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

LNP* LUBRICOMP* DFP36 is a compound based on Polycarbonate resin containing 30% Glass Fiber, 15% PTFE/Silicone. Added features include: Internally Lubricated.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-DFP36-PC.php

Physical Properties	Metric	English	Comments
Moisture Absorption	0.0800 %	0.0800 %	50% RH, 24 hrs; ASTM D570
	0.120 %	0.120 %	23°C / 50% RH; ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Modulus	8.70 GPa	1260 ksi	1 mm/min; ISO 527
Izod Impact, Notched	1.79 J/cm	3.35 ft-lb/in	ASTM D256
Izod Impact, Unnotched	7.36 J/cm	13.8 ft-lb/in	ASTM D4812
Izod Impact, Notched (ISO)	16.0 kJ/m ²	7.61 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	49.0 kJ/m ²	23.3 ft-lb/in ²	80*10*4; ISO 180/1U
Impact Test	7.00 J	5.16 ft-lb	Multiaxial Impact; ISO 6603

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	146 °C @Thickness 3.20 mm	295 °F @Thickness 0.126 in	unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	144 °C	291 °F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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