

SABIC Innovative Plastics LNP LUBRILLOY DF202P PC

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

LNP LUBRILLOY* DF202P is a compound based on Polycarbonate resin containing Glass Fiber, Proprietary Lubricant. Added features of this material include: Wear Resistant, Exceptional Processing.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRILLOY-DF202P-PC.php

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	77.0 MPa	11200 psi	ASTM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Flexural Strength	132 MPa	19100 psi	ASTM D790
Flexural Modulus	4.06 GPa	589 ksi	ASTM D790
Izod Impact, Notched	1.76 J/cm	3.30 ft-lb/in	ASTM D256
Izod Impact, Unnotched	7.47 J/cm	14.0 ft-lb/in	ASTM D4812
Coefficient of Friction, Dynamic	0.36	0.36	ASTM D3702 Modified
Coefficient of Friction, Static	0.30	0.30	ASTM D3702 Modified
K (wear) Factor	449 x 10 ⁻⁸ mm ³ /N-M	223 x 10 ⁻¹⁰ in ³ - min/ft-lb-hr	Washer; ASTM D3702 Modified

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