

## SABIC Innovative Plastics LNP Lubriloy DF202 PC

Category : Polymer , Thermoplastic , Polycarbonate (PC)

**Material Notes:**

LNP LUBRILLOY\* DF202 is a compound based on Polycarbonate resin containing Glass Fiber, Proprietary Lubricant. Added features of this material include: Internally Lubricated. This data was supplied by SABIC-IP for the Americas region.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-Lubriloy-DF202-PC.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Lubriloy-DF202-PC.php)

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in <sup>3</sup>	ASTM D 792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	77.0 MPa	11200 psi	ASTM D 638
Elongation at Break	4.0 %	4.0 %	ASTM D 638
Flexural Strength	132 MPa	19100 psi	ASTM D 790
Flexural Modulus	4.06 GPa	589 ksi	ASTM D 790
Izod Impact, Notched	1.76 J/cm @Temperature 23.0 Â°C	3.30 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	7.47 J/cm @Temperature 23.0 Â°C	14.0 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812
Coefficient of Friction, Dynamic	0.36	0.36	ASTM D 3702 Modified
Coefficient of Friction, Static	0.30	0.30	ASTM D 3702 Modified
K (wear) Factor	449 x 10 <sup>-8</sup> mm <sup>3</sup> /N-M	223 x 10 <sup>-10</sup> in <sup>3</sup> - min/ft-lb-hr	Washer; ASTM D 3702 Modified

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