

## SABIC Innovative Plastics LNP Lubricomp DX99854 PC (Asia Pacific)

Category : Polymer , Thermoplastic , Polycarbonate (PC)

**Material Notes:**

LNP\* LUBRICOMP\* DX99854 is a compound based on Polycarbonate resin containing Proprietary Filler(s). 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-DX99854-PC-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Lubricomp-DX99854-PC-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in <sup>3</sup>	ASTM D 792
Moisture Absorption at Equilibrium	0.10 % @Time 86400 sec	0.10 % @Time 24.0 hour	50% RH; ASTM D 570

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	63.0 MPa	9140 psi	ASTM D 638
Elongation at Break	50 - 75 %	50 - 75 %	ASTM D 638
Flexural Strength	96.0 MPa	13900 psi	ASTM D 790
Flexural Modulus	2.46 GPa	357 ksi	ASTM D 790
Izod Impact, Notched	8.01 J/cm @Temperature 23.0 Â°C	15.0 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Coefficient of Friction, Dynamic	0.21	0.21	ASTM D 3702 Modified
Coefficient of Friction, Static	0.21	0.21	ASTM D 3702 Modified

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	128 Â°C @Thickness 3.20 mm	262 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

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