

## SABIC Innovative Plastics LNP Lubricomp DEL34 PC (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polycarbonate (PC)

### Material Notes:

LNP\* Lubricomp\* DEL34 is a compound based on Polycarbonate resin containing PTFE, Carbon Fiber. Added features of this material include: Electrically Conductive. This data was supplied by SABIC-IP for the Europe-Africa-Middle East region.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-Lubricomp-DEL34-PC-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Lubricomp-DEL34-PC-Europe-Africa-Middle-East.php)

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage, Flow	0.00050 - 0.0025 cm/cm	0.00050 - 0.0025 in/in	on tensile bar; SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	157 MPa	22800 psi	5 mm/min; ISO 527
Elongation at Break	1.9 %	1.9 %	5 mm/min; ISO 527
Tensile Modulus	14.0 GPa	2030 ksi	1 mm/min; ISO 527
Flexural Strength	216 MPa	31300 psi	2 mm/min; ISO 178
Flexural Modulus	11.9 GPa	1730 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	8.00 kJ/m <sup>2</sup> @Temperature 23.0 °C	3.81 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	40.0 kJ/m <sup>2</sup> @Temperature 23.0 °C	19.0 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	1.00 μm/m-°C @Temperature 23.0 - 60.0 °C	0.556 μin/in-°F @Temperature 73.4 - 140 °F	ISO 11359-2
CTE, linear, Transverse to Flow	8.00 μm/m-°C @Temperature 23.0 - 60.0 °C	4.44 μin/in-°F @Temperature 73.4 - 140 °F	ISO 11359-2
Deflection Temperature at 0.46 MPa (66 psi)	143 °C	289 °F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa	137 °C	279 °F	

(264 psi) Thermal Properties	Metric	English	Flatw 80*10*4 sp=64mm; ISO 75/Af Comments
Electrical Properties	Metric	English	Comments
Surface Resistance	100 - 10000 ohm	100 - 10000 ohm	ASTM D 257

## Contact Songhan Plastic Technology Co.,Ltd.

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