

## SABIC Innovative Plastics LNP STAT-KON DE0029EC PC

Category : Polymer , Thermoplastic , Polycarbonate (PC)

**Material Notes:**

LNP\* STAT-KON\* DE0029EC is a compound based on Polycarbonate resin containing 10% Carbon Fiber. Added features of this material include: Electrically Conductive, Easy Molding, Flame Retardant.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-STAT-KON-DE0029EC-PC.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-DE0029EC-PC.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	110 MPa	16000 psi	ASTM D638
Elongation at Break	2.7 %	2.7 %	ASTM D638
Tensile Modulus	8.27 GPa	1200 ksi	50 mm/min; ASTM D638
Flexural Strength	179 MPa	26000 psi	ASTM D790
Flexural Modulus	7.58 GPa	1100 ksi	ASTM D790
Izod Impact, Notched	0.640 J/cm	1.20 ft-lb/in	ASTM D256
Izod Impact, Unnotched	5.34 J/cm	10.0 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	141 Â°C @Thickness 3.20 mm	286 Â°F @Thickness 0.126 in	unannealed; ASTM D648

Electrical Properties	Metric	English	Comments
Surface Resistance	1.0 - 6.0 ohm	1.0 - 6.0 ohm	ASTM D257

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