

SABIC Innovative Plastics LNP STAT-KON DEL36 PC (Asia Pacific)

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

LNP* Stat-kon* DEL36 is a compound based on Polycarbonate resin containing PTFE, Carbon Fiber. Added features of this material include:
Electrically Conductive, , Internally Lubricated.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-DEL36-PC-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.43 g/cc	0.0517 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	111 MPa	16100 psi	ASTM D638
Elongation at Break	1.5 %	1.5 %	ASTM D638
Tensile Modulus	15.92 GPa	2309 ksi	50 mm/min; ASTM D638
Flexural Strength	165 MPa	23900 psi	ASTM D790
Flexural Modulus	14.47 GPa	2099 ksi	ASTM D790
Izod Impact, Notched	0.690 J/cm	1.29 ft-lb/in	ASTM D256
Izod Impact, Unnotched	4.27 J/cm	8.00 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	142 Â°C @Thickness 3.20 mm	288 Â°F @Thickness 0.126 in	unannealed; ASTM D648

Electrical Properties	Metric	English	Comments
Surface Resistance	1.0 - 4.0 ohm	1.0 - 4.0 ohm	ASTM D257

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