

SABIC Innovative Plastics LNP STAT-KON DX92002 PC (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

LNP* Stat-kon* DX92002 is a compound based on Polycarbonate resin containing Proprietary Filler(s). Added features of this material include: Electrically Conductive.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-DX92002-PC-Europe-Africa-Middle-East.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|----------|
| Density | 1.48 g/cc | 0.0535 lb/in ³ | ISO 1183 |

| Mechanical Properties | Metric | English | Comments |
|------------------------------|------------------------|----------------------------|---------------------|
| Tensile Strength at Break | 68.0 MPa | 9860 psi | 5 mm/min; ISO 527 |
| Elongation at Break | 2.9 % | 2.9 % | 5 mm/min; ISO 527 |
| Flexural Strength | 111 MPa | 16100 psi | 2 mm/min; ISO 178 |
| Flexural Modulus | 4.60 GPa | 667 ksi | 2 mm/min; ISO 178 |
| Izod Impact, Notched (ISO) | 10.0 kJ/m ² | 4.76 ft-lb/in ² | 80*10*4; ISO 180/1A |
| Izod Impact, Unnotched (ISO) | 20.0 kJ/m ² | 9.52 ft-lb/in ² | 80*10*4; ISO 180/1U |

| Electrical Properties | Metric | English | Comments |
|-----------------------|---------------------|---------------------|-----------|
| Surface Resistance | 10000 - 1.00e+7 ohm | 10000 - 1.00e+7 ohm | ASTM D257 |

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