

SABIC Innovative Plastics LNP Stat-kon DEF13 PC (Asia Pacific)

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

LNP* Stat-kon* DEF13 is a compound based on Polycarbonate resin containing Glass Fiber, Glass Fiber, Carbon Fiber. Added features of this material include: Electrically Conductive. 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-Stat-kon-DEF13-PC-Asia-Pacific.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|------------|
| Density | 1.29 g/cc | 0.0466 lb/in ³ | ASTM D 792 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|---------------------------------------|--|------------|
| Tensile Strength at Break | 118 MPa | 17100 psi | ASTM D 638 |
| Elongation at Break | 4.0 % | 4.0 % | ASTM D 638 |
| Flexural Modulus | 8.05 GPa | 1170 ksi | ASTM D 790 |
| Izod Impact, Notched | 1.06 J/cm @Temperature 23.0 Â°C | 1.99 ft-lb/in @Temperature 73.4 Â°F | ASTM D 256 |

| Thermal Properties | Metric | English | Comments |
|--|-------------------------------|--------------------------------|------------------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 144 Â°C @Thickness 3.20 mm | 291 Â°F @Thickness 0.126 in | unannealed; ASTM D 648 |

| Electrical Properties | Metric | English | Comments |
|-----------------------|-------------------|-------------------|------------|
| Surface Resistance | 100 - 1.00e+6 ohm | 100 - 1.00e+6 ohm | ASTM D 257 |

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