

## SABIC Innovative Plastics LNP STAT-KON DE0069F PC (Asia Pacific)

Category : Polymer , Thermoplastic , Polycarbonate (PC)

### Material Notes:

LNP\* Stat-kon\* DE0069F is a compound based on Polycarbonate resin containing Flame Retardant, Carbon Fiber. Added features of this material include: Electrically Conductive, , Flame Retardant.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-STAT-KON-DE0069F-PC-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-DE0069F-PC-Asia-Pacific.php)

| Physical Properties | Metric    | English                   | Comments  |
|---------------------|-----------|---------------------------|-----------|
| Density             | 1.36 g/cc | 0.0491 lb/in <sup>3</sup> | ASTM D792 |

| Mechanical Properties     | Metric     | English        | Comments             |
|---------------------------|------------|----------------|----------------------|
| Tensile Strength at Break | 125 MPa    | 18100 psi      | ASTM D638            |
| Elongation at Break       | 1.4 %      | 1.4 %          | ASTM D638            |
| Tensile Modulus           | 17.23 GPa  | 2499 ksi       | 50 mm/min; ASTM D638 |
| Flexural Strength         | 199 MPa    | 28900 psi      | ASTM D790            |
| Flexural Modulus          | 16.54 GPa  | 2399 ksi       | ASTM D790            |
| Izod Impact, Notched      | 0.530 J/cm | 0.993 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) | 141 Â°C<br>@Thickness 3.20 mm | 286 Â°F<br>@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 |

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China