

LNP™ STAT-KON™ DE0069F compound

Polycarbonate

SABIC Innovative Plastics

Message:

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.

Also known as: LNP* STAT-KON* Compound DC-1006 FR SM

Product reorder name: DE0069F

| General Information | | | |
|--|----------------------------------|-------------------|-------------|
| Filler / Reinforcement | Carbon fiber reinforced material | | |
| Features | Conductivity | | |
| | Flame retardancy | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.36 | g/cm ³ | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus ¹ | 17200 | MPa | ASTM D638 |
| Tensile Strength (Break) | 125 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 1.4 | % | ASTM D638 |
| Flexural Modulus | 16500 | MPa | ASTM D790 |
| Flexural Strength | 200 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 53 | J/m | ASTM D256 |
| Unnotched Izod Impact (23°C) | 430 | J/m | ASTM D4812 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm) | 141 | °C | ASTM D648 |
| Electrical | Nominal Value | Unit | Test Method |
| Surface Resistivity | 1.0 - 6.0 | ohms | ASTM D257 |
| NOTE | | | |
| 1. | 50 mm/min | | |

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Recommended distributors for this material

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