# LNP™ STAT-KON™ COMPOUND ZE002

ZC-1002
REGION EUROPE

## DESCRIPTION

LNP STAT-KON ZE002 is a compound based on PPE+PS Blend resin containing Carbon Fiber. Added features of this material include: Electrically Conductive.

## TYPICAL PROPERTY VALUES

Revision 20181231

| PROPERTIES | TYPICAL VALUES | UNITS | TEST METHODS |
|---|---|---|---|
| MECHANICAL | | | |
| Tensile Stress, break, 5 mm/min | 104 | MPa | ISO 527 |
| Tensile Strain, break, 5 mm/min | 1.6 | % | ISO 527 |
| Flexural Stress, break, 2 mm/min | 115 | MPa | ISO 178 |
| Flexural Modulus, 2 mm/min | 5500 | MPa | ISO 178 |
| IMPACT | | | |
| Izod Impact, unnotched 80*10*4 +23°C | 15 | kJ/m² | ISO 180/1U |
| Izod Impact, notched 80*10*4 +23°C | 5 | kJ/m² | ISO 180/1A |
| PHYSICAL | | | |
| Mold Shrinkage on Tensile Bar, flow | 0.2 – 0.4 | % | SABIC method |
| Density | 1.11 | g/cm³ | ISO 1183 |
| ELECTRICAL | | | |
| Surface Resistivity | 1.E+02 – 1.E+04 | Ohm | ASTM D 257 |
| INJECTION MOLDING | | | |
| Drying Temperature | 120 | °C | |
| Drying Time | 4 | hrs | |
| Melt Temperature | 300 – 305 | °C | |
| Front - Zone 3 Temperature | 300 – 310 | °C | |
| Middle - Zone 2 Temperature | 290 – 300 | °C | |
| Rear - Zone 1 Temperature | 275 – 290 | °C | |
| Mold Temperature | 80 – 110 | °C | |
| Back Pressure | 0.2 – 0.3 | MPa | |
| Screw Speed | 30 – 60 | rpm | |

## DISCLAIMER