



Titalon 2200CF

RESIN : POLYAMIDE66 RESIN

PRODUCT DESCRIPTION : 20% CARBON FIBER FILLED, HIGH STRENGTH, HIGH CONDUCTIVE, WEAR RESISTANCE

| Properties | Unit | method | Value |
|--------------------------------------|-------------------|------------------|-------------------|
| Color | - | - | Black |
| specific gravity | g/cm ³ | ISO 1183 | 1.22 |
| Tensile strength | MPa | ISO | 220 |
| Tensile Elongation | | 527-1,2 | >2 |
| Flexural strength | MPa | ISO 178 | 300 |
| Flexural modulus | | | 14000 |
| Charpy impact strength(notched) | kJ/m ² | ISO | 14 |
| | | 179/1eA | |
| Heat Deflection Temperature (1.8MPa) | °C | ISO 75-1,2 | 260 |
| Volume resistivity | Ω•cm | IEC 60093 | 1×10 ² |
| Surface resistivity | Ω | | 1×10 ³ |
| Flammability | | UL 94 | HB |
| Mold shrinkage | % | 50x70x3 mmt | 0.2~0.8 |
| | | | |
| MOLDING CONDITION | °C | Drying | 80~100x 4Hrs |
| | | Melt Temperature | 260~290 |
| | | Mold Temperature | 60~100 |
| | % | Inject. Pressure | 30~70 |
| | | Inject. Velocity | 30~60 |

*All property values shown in this data sheet are the representative values and not minimum value of this material.

