



Titalon 2150GF

RESIN : POLYAMIDE66 RESIN

PRODUCT DESCRIPTION : 15%GLASS FIBER REINFORCED, HIGH STRENGTH.

| Properties | Unit | method | Value |
|---|-------------------|------------------|--------------------|
| Color | - | - | Natural |
| specific gravity | g/cm ³ | ISO 1183 | 1.24 |
| Tensile strength | MPa | ISO | 130 |
| Tensile Elongation | | 527-1,2 | >3 |
| Flexural strength | MPa | ISO 178 | 200 |
| Flexural modulus | | | 5500 |
| Charpy impact strength(notched) | kJ/m ² | ISO | 10 |
| | | 179/1eA | |
| Heat Deflection Temperature (1.8MPa) | °C | ISO 75-1,2 | 240 |
| Volume resistivity | Ω•cm | IEC 60093 | 1×10 ¹⁴ |
| Surface resistivity | Ω | | 1×10 ¹⁴ |
| Flammability | | UL 94 | HB |
| Mold shrinkage | % | 50x70x3 mmt | 0.4~1.0 |
| 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.