



Titalon 1300GFT

RESIN : POLYAMIDE6 RESIN

PRODUCT DESCRIPTION : 30%GLASS FIBER REINFORCED , HIGH STRENGTH.,HIGH IMPACT

| Properties | Unit | method | Value |
|-------------------------------------|-------------------|------------------|--------------------|
| Color | - | - | Natural |
| specific gravity | g/cm ³ | ISO 1183 | 1.31 |
| Tensile strength | MPa | ISO | 130 |
| Tensile Elongation | | 527-1,2 | >4 |
| Flexural strength | MPa | ISO 178 | 205 |
| Flexural modulus | | | 8000 |
| Charpy impact strength(notched) | kJ/m ² | ISO | 25 |
| | | 179/1eA | |
| Heat Deflection Temperature(1.8MPa) | °C | ISO 75-1,2 | 190 |
| Volume resistivity | Ω•cm | IEC 60093 | 1×10 ¹³ |
| Surface resistivity | Ω | | 1×10 ¹⁴ |
| Flammability | | UL 94 | HB |
| Mold shrinkage | % | 50x70x3 mmt | 0.4~0.8 |
| | | | |
| MOLDING CONDITION | °C | Drying | 80~100x 4Hrs |
| | | Melt Temp. | 230~260 |
| | | Mold Temp. | 60~100 |
| | % | Inject. Press. | 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.