

Titalon 1150GFT

RESIN : POLYAMIDE 6 RESIN

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

COLOR No.: MXVN01

| Properties | Unit | method | Value |
|---|-------------------|------------------|--------------------|
| Color | - | - | Black |
| specific gravity | g/cm ³ | ISO 1183 | 1.17 |
| Tensile strength | MPa | ISO | 75 |
| Tensile Elongation | | 527-1,2 | >5 |
| Flexural strength | MPa | ISO 178 | 115 |
| Flexural modulus | | | 3000 |
| Charpy impact strength(notched) | kJ/m ² | ISO | 20 |
| | | 179/1eA | |
| Heat Deflection Temperature (1.8MPa) | °C | ISO 75-1,2 | 180 |
| Volume resistivity | Ω•cm | IEC 60093 | 1×10 ¹³ |
| Surface resistivity | Ω | | 1×10 ¹³ |
| Flammability | | UL 94 | HB |
| Mold shrinkage | % | 50x80x3 mmt | 0.4~0.8 |
| MOLDING CONDITION | | | |
| MOLDING CONDITION | °C | Drying | 110 x 4Hrs |
| | | Melt Temperature | 230~260 |
| | | Mold Temperature | 80~100 |
| | % | 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.