

Titalon 4010TF

RESIN : POLYAMIDE 46 RESIN

PRODUCT DESCRIPTION : PA 46 MODIFIED WITH PTFE, WEAR RESISTANCE AND LOW FRICTION.

COLOR No.: VN01

| Properties | Unit | method | Value |
|---|-------------------|--|--|
| Color | - | - | Natural |
| Density | g/cm ³ | ISO 1183 | 1.25 |
| Tensile strength Tensile Elongation | MPa | ISO 527-1,2 | 85 >10 |
| Flexural strength Flexural modulus | MPa | ISO 178 | 115 2600 |
| Charpy impact strength(notched) | kJ/m ² | ISO 179/1eA | >7 (23°C) >5 (-30°C) |
| Heat Deflection Temperature (0.45MPa) | °C | ISO 75-1,2 | 200 |
| Volume resistivity Surface resistivity | Ω•cm Ω | IEC 60093 | 1×10 ¹³ 1×10 ¹³ |
| Flammability | Class | UL 94 | HB |
| Mold shrinkage | % | 50x80x3 mmt | 1.8~2.0 |
| MOLDING CONDITION | | | |
| MOLDING CONDITION | °C | Drying Melt Temperature Mold Temperature | 110x 4Hrs 280~300 80~110 |
| | % | Inject. Pressure Inject. Velocity | 30~70 30~60 |

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