

## Titalon 2300TF

RESIN : POLYAMIDE 66 RESIN

PRODUCT DESCRIPTION : 30% GLASS FIBER REINFORCED, 15% PTFE, GOOD STRENGTH, WEAR RESISTANCE .

COLOR No.: VN01-TF15

| Properties                           | Unit              | method           | Value              |
|--------------------------------------|-------------------|------------------|--------------------|
| Color                                | -                 | -                | Natural            |
| Density                              | g/cm <sup>3</sup> | ISO 1183         | 1.48               |
| Tensile strength                     | MPa               | ISO              | 155                |
| Tensile Elongation                   |                   | 527-1,2          | >2                 |
| Flexural strength                    | MPa               | ISO 178          | 230                |
| Flexural modulus                     |                   |                  | 9000               |
| Charpy impact strength(notched)      | kJ/m <sup>2</sup> | ISO              | 10                 |
|                                      |                   | 179/1eA          |                    |
| Heat Deflection Temperature (1.8MPa) | °C                | ISO 75-1,2       | 230                |
| Volume resistivity                   | Ω•cm              | IEC 60093        | 1×10 <sup>12</sup> |
| Surface resistivity                  | Ω                 |                  | 1×10 <sup>12</sup> |
| Flammability                         | class             | UL 94            | HB                 |
| Mold shrinkage                       | %                 | 100x100x<br>3mmt | 0.3~0.8            |
| MOLDING CONDITION                    |                   |                  |                    |
| MOLDING CONDITION                    | °C                | Drying           | 100x 4Hrs          |
|                                      |                   | Melt Temperature | 260~290            |
|                                      |                   | 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.