



## Titacon ST915

**RESIN : POLYACETAL RESIN**

**PRODUCT DESCRIPTION : INJECTION MOLDING GRADE, PERMANENT ANTI-STATIC, NON-SLOUGHING, WEAR RESISTANCE, IMPACT MODIFIED, COLORABLE.**

| Properties                          | Unit              | method           | Value             |
|-------------------------------------|-------------------|------------------|-------------------|
| Color                               | -                 | -                | Light beige       |
| specific gravity                    | g/cm <sup>3</sup> | ISO 1183         | 1.36              |
| Tensile strength                    | MPa               | ISO              | 45                |
| Tensile Elongation                  |                   | 527-1,2          | >25               |
| Flexural strength                   | MPa               | ISO 178          | 60                |
| Flexural modulus                    |                   |                  | 1750              |
| Charpy impact strength(notched)     | kJ/m <sup>2</sup> | ISO              | 20                |
|                                     |                   | 179/1eA          |                   |
| Heat Deflection Temperature(1.8MPa) | °C                | ISO<br>75-1,2    | 75                |
| Volume resistivity                  | Ω•cm              | IEC 60093        | 1×10 <sup>9</sup> |
| Surface resistivity                 | Ω                 |                  | 1×10 <sup>8</sup> |
| Flammability                        |                   | UL 94            | HB                |
| Mold shrinkage                      | %                 | 50x70x3<br>mmt   | 2.0~2.2           |
|                                     |                   |                  |                   |
| <b>MOLDING CONDITION</b>            | °C                | Drying           | 100x 3Hrs         |
|                                     |                   | Melt Temp.       | 170~200           |
|                                     |                   | Mold Temp.       | 60~100            |
|                                     | %                 | Inject. Press.   | 30~70             |
|                                     |                   | Inject. Velocity | 20~50             |

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