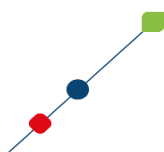


ASTM Property



| | |
|----------------|---------|
| Grade | TI-670M |
| Product | PP |

General Information

Key Features

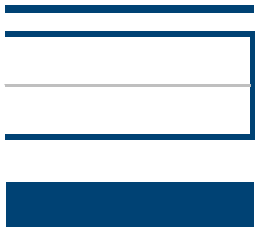
- Medical application (Injection)
- High transparency, Impact resistance, USP Class II, Gamma-ray resistance

Applications Disposable syringes, Medical products (Gamma-ray resistant)

| Item | Measuring Method | Unit |
|--|------------------|---------------------|
| Physical | | |
| Melt Flow Index | ASTM D1238 | g/10min |
| Density | ASTM D792 | g/cm ³ |
| Mechanical | | |
| Tensile Stress (Yield) | ASTM D638 | kgf/cm ² |
| Tensile Strain (Break) | ASTM D638 | % |
| Flexural Modulus | ASTM D790 | kgf/cm ² |
| Impact | | |
| Notched Izod Impact Strength(23°C) | ASTM D256 | kgf·cm/cm |
| Thermal | | |
| Heat Deflection Temperature(4.6kgf/cm ²) | ASTM D648 | °C |
| Additional Properties | | |
| Haze(1mmT) | ASTM D1003 | % |

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2021/10/01



Class VI, FDA DMF,

na-ray sterilization)

| Value |
|------------|
| 30 |
| 0.9 |
| 260 |
| ≥ 100 |
| 9,800 |
| 7.0 |
| 85 |
| 8 |