

Titan 700TF

(PPS+PTFE)

Titan Plastics Compounds Co., Ltd.

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Strength | 70 | MPa | ISO 527 |
| Flexural modulus, 23°C | 6300 | MPa | ISO 178 |
| Flexural strength | 110 | MPa | ISO 178 |
| Charpy notched impact strength, +23°C | 4 | kJ/m ² | ISO 179/1eA |

| Thermal properties | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 100 | °C | ISO 75-1/-2 |
| Burning behav. at thickness h | HB | class | IEC 60695-11-10 |

| Electrical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| Volume resistivity | 1E13 | Ohm*m | IEC 62631-3-1 |
| Surface resistivity | 1E14 | Ohm | IEC 62631-3-2 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1420 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature | 140 - 160 | °C | - |
| Pre-drying - Time | 4 | h | - |
| Melt temperature | 280 - 320 | °C | - |
| Mold temperature | 130 - 160 | °C | - |

Characteristics**Processing**

Injection Molding

Additives

Lubricants

Delivery form

Natural Color

Regional Availability

Asia Pacific