

Product Texts

Injection Molding

ISO 18064 TPC-ET

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|---|-------|------------------------|---------------|
| ISO Data | | | |
| ^[C] Melt volume-flow rate, MVR | 10 | cm ³ /10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |

[C]: CAMPUS

| Mechanical properties | Value | Unit | Test Standard |
|--|-------|-------------------|---------------|
| ISO Data | | | |
| ^[C] Charpy notched impact strength, +23°C | N | kJ/m ² | ISO 179/1eA |
| ^[C] Charpy notched impact strength, -30°C | N | kJ/m ² | ISO 179/1eA |
| ^[C] Stress at 10% elongation | 9.9 | MPa | ISO 527 |
| ^[C] Stress at 100% elongation | 17 | MPa | ISO 527 |
| ^[C] Stress at break TPE | 21.1 | MPa | ISO 527 |

[C]: CAMPUS

| Thermal properties | Value | Unit | Test Standard |
|---|-------|------|----------------|
| ISO Data | | | |
| ^[C] Melting temperature, 10°C/min | 216 | °C | ISO 11357-1/-3 |
| ^[C] Temp. of deflection under load, 0.45 MPa | 65 | °C | ISO 75-1/-2 |

[C]: CAMPUS

| Other properties | Value | Unit | Test Standard |
|------------------------|-------|-------------------|---------------|
| ^[C] Density | 1210 | kg/m ³ | ISO 1183 |

[C]: CAMPUS

Characteristics

Processing

Injection Molding, Film Extrusion, Profile Extrusion, Sheet Extrusion, Other Extrusion

Regional Availability

North America, Europe, Asia Pacific

Delivery form

Pellets

Other text information

Injection molding

[Injection Molding Recommendations](#)
[Steel recommendations for molds screws and barrels](#)
[Trouble shooting guideline for injection molding](#)

Film extrusion

[Arnitel® Recommendations for Extrusion](#)

Other extrusion

[Arnitel® Recommendations for Extrusion](#)