

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-------|------|-----------------|
| ISO Data | | | |
| ^[C] Molding shrinkage, parallel | 1.6 | % | ISO 294-4, 2577 |

[C]: CAMPUS

| Mechanical properties | Value | Unit | Test Standard |
|--|-------|-------------------|---------------|
| ISO Data | | | |
| ^[C] Tensile Modulus | 110 | MPa | ISO 527 |
| ^[C] Yield stress | 11 | MPa | ISO 527 |
| ^[C] Yield strain | 30 | % | ISO 527 |
| ^[C] Charpy notched impact strength, +23°C | N | kJ/m ² | ISO 179/1eA |
| ^[C] Charpy notched impact strength, -30°C | 45 | kJ/m ² | ISO 179/1eA |
| ^[C] Stress at break TPE | 25 | MPa | ISO 527 |
| ^[C] Strain at break TPE | >300 | % | ISO 527 |
| ^[C] Shore D hardness | 46 | - | ISO 7619-1 |

[C]: CAMPUS

| Thermal properties | Value | Unit | Test Standard |
|--|-------|-------|----------------|
| ISO Data | | | |
| ^[C] Melting temperature, 10°C/min | 212 | °C | ISO 11357-1/-3 |
| ^[C] Temp. of deflection under load, 0.45 MPa | 60 | °C | ISO 75-1/-2 |
| ^[C] Coeff. of linear therm. expansion, parallel | 220 | E-6/K | ISO 11359-1/-2 |

[C]: CAMPUS

| Electrical properties | Value | Unit | Test Standard |
|--|-------|-------|---------------|
| ISO Data | | | |
| ^[C] Relative permittivity, 1MHz | 4.7 | - | IEC 62631-2-1 |
| ^[C] Dissipation factor, 1MHz | 300 | E-4 | IEC 62631-2-1 |
| ^[C] Volume resistivity | 4E12 | Ohm*m | IEC 62631-3-1 |
| ^[C] Surface resistivity | >1E15 | Ohm | IEC 62631-3-2 |
| ^[C] Electric strength | 13 | kV/mm | IEC 60243-1 |

[C]: CAMPUS

| Other properties | Value | Unit | Test Standard |
|---------------------------------|-------|-------------------|----------------|
| ^[C] Water absorption | 0.5 | % | Sim. to ISO 62 |
| ^[C] Density | 1150 | kg/m ³ | ISO 1183 |

[C]: CAMPUS

Characteristics

Regional Availability

North America