

| Mechanical properties | Value | Unit | Test Standard |
|--|------------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 1750 | MPa | ISO 527 |
| Stress at break | 25 | MPa | ISO 527 |
| Strain at break | 15 | % | ISO 527 |
| Izod impact strength, +23°C | N | kJ/m ² | ISO 180/1U |
| Izod notched impact strength, +23°C | 7 | kJ/m ² | ISO 180/1A |
| Thermal properties | | | |
| ISO Data | | | |
| Melting temperature, 10°C/min | 163 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 65 | °C | ISO 75-1/-2 |
| Burning behav. at 1.5 mm nom. thickn. | HB | class | IEC 60695-11-10 |
| Thickness tested | 1.6 | mm | - |
| Burning behav. at thickness h | HB | class | IEC 60695-11-10 |
| Thickness tested | 0.8 | mm | - |
| Electrical properties | | | |
| ISO Data | | | |
| Volume resistivity | 1E13 | Ohm*m | IEC 62631-3-1 |
| Surface resistivity | 1E15 | Ohm | IEC 62631-3-2 |
| Other properties | | | |
| Density | 1060 | kg/m ³ | ISO 1183 |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 80 | °C | - |
| Pre-drying - Time | 1 | h | - |
| Melt temperature | 210 - 230 | °C | - |
| Mold temperature | 20 - 50 | °C | - |
| Zone 1 | 150 - 180 | °C | - |
| Zone 2 | 200 - 240 | °C | - |
| Zone 3 | 200 - 240 | °C | - |
| Nozzle temperature | 230 | °C | - |
| Back pressure | 0.3 - 2 | MPa | - |

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Natural Color

Regional Availability

Europe, Near East/Africa