

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 8500 | MPa | ISO 527 |
| Stress at break | 160 | MPa | ISO 527 |
| Strain at break | 3.5 | % | ISO 527 |
| Izod impact strength, +23°C | 80 | kJ/m ² | ISO 180/1U |
| Izod notched impact strength, +23°C | 13 | kJ/m ² | ISO 180/1A |
| Izod notched impact strength | 11 | kJ/m ² | ISO 180/1A |
| Temperature | -30 | °C | - |

| Thermal properties | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 223 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 205 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 215 | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | 210 | °C | ISO 306 |
| 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 | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| Volume resistivity | 1E13 | Ohm*m | IEC 62631-3-1 |
| Surface resistivity | 1E13 | Ohm | IEC 62631-3-2 |
| Comparative tracking index | 500 | - | IEC 60112 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Humidity absorption | 2.2 | % | Sim. to ISO 62 |
| Density | 1310 | kg/m ³ | ISO 1183 |
| Moisture Content | 0.2 | % | - |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature | 80 | °C | - |
| Pre-drying - Time | 2 - 4 | h | - |
| Melt temperature | 250 - 270 | °C | - |
| Mold temperature | 60 - 100 | °C | - |
| Feed temperature | 60 - 80 | °C | - |
| Holding pressure | 50 - 100 | MPa | - |

Characteristics

Processing

Injection Molding

Regional Availability

Europe

Delivery form

Natural Color