

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|---|-------------|-------------------------|----------------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.1 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 0.3 | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 10500 | MPa | ISO 527 |
| Stress at break | 190 | MPa | ISO 527 |
| Strain at break | 2.5 | % | ISO 527 |
| Izod impact strength, +23°C | 85 | kJ/m ² | ISO 180/1U |
| Izod notched impact strength, +23°C | 13.5 | kJ/m ² | ISO 180/1A |
| Izod notched impact strength Temperature | 11.5 -30 | kJ/m ² °C | ISO 180/1A - |
| Thermal properties | | | |
| ISO Data | | | |
| Melting temperature, 10°C/min | 263 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 255 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 260 | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | 255 | °C | ISO 306 |
| Burning behav. at 1.5 mm nom. thickn. Thickness tested | HB 1.6 | class mm | IEC 60695-11-10 - |
| Burning behav. at thickness h Thickness tested | HB 0.8 | class mm | IEC 60695-11-10 - |
| Electrical properties | | | |
| 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 | | | |
| Density | 1420 | kg/m ³ | ISO 1183 |
| Moisture Content | 0.2 | % | - |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 90 - 100 | °C | - |
| Pre-drying - Time | 3 - 4 | h | - |
| Processing humidity | ≤0.2 | % | - |
| Melt temperature | 260 - 290 | °C | - |
| Mold temperature | 70 - 110 | °C | - |
| Zone 1 | 260 - 280 | °C | - |
| Zone 2 | 260 - 280 | °C | - |
| Zone 3 | 260 - 280 | °C | - |
| Nozzle temperature | 250 - 270 | °C | - |
| Back pressure | 50 - 100 | MPa | - |

Characteristics

Processing

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Pellets, Natural Color

Regional Availability

Europe, Near East/Africa