

| Processing/Physical Characteristics | dry / cond | Unit | Test Standard |
|---|-------------|--------------------|---------------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.4 / * | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 0.6 / * | % | ISO 294-4, 2577 |
| Mechanical properties | dry / cond | Unit | Test Standard |
| ISO Data | | | |
| Tensile Modulus | 8600 / 6500 | MPa | ISO 527 |
| Yield stress | 185 / 115 | MPa | ISO 527 |
| Yield strain | 3.5 / 6.5 | % | ISO 527 |
| Stress at break | 165 / 125 | MPa | ISO 527 |
| Strain at break | 3 / 6 | % | ISO 527 |
| Charpy impact strength, +23°C | 65 / 90 | kJ/m ² | ISO 179/1eU |
| Charpy impact strength, -30°C | 55 / 55 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 12 / 18 | kJ/m ² | ISO 179/1eA |
| Charpy notched impact strength, -30°C | 9 / 9 | kJ/m ² | ISO 179/1eA |
| Thermal properties | dry / cond | Unit | Test Standard |
| ISO Data | | | |
| Melting temperature, 10°C/min | 260 / * | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 240 / * | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 250 / * | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 8.00 MPa | 125 / * | °C | ISO 75-1/-2 |
| Coeff. of linear therm. expansion, parallel | 25 / * | E-6/K | ISO 11359-1/-2 |
| Coeff. of linear therm. expansion, normal | 60 / * | E-6/K | ISO 11359-1/-2 |
| Burning behav. at thickness h | HB / * | class | IEC 60695-11-10 |
| Thickness tested | 0.8 / * | mm | - |
| Electrical properties | dry / cond | Unit | Test Standard |
| ISO Data | | | |
| Relative permittivity, 1MHz | - / 3.5 | - | IEC 62631-2-1 |
| Volume resistivity | - / 1E13 | Ohm*m | IEC 62631-3-1 |
| Surface resistivity | * / 1E10 | Ohm | IEC 62631-3-2 |
| Comparative tracking index | - / 550 | - | IEC 60112 |
| Other properties | dry / cond | Unit | Test Standard |
| Water absorption | 6 / * | % | Sim. to ISO 62 |
| Humidity absorption | 1.9 / * | % | Sim. to ISO 62 |
| Density | 1320 / - | kg/m ³ | ISO 1183 |
| Material specific properties | dry / cond | Unit | Test Standard |
| ISO Data | | | |
| Viscosity number | 145 / * | cm ³ /g | ISO 307, 1157, 1628 |

Characteristics

Regional Availability

Europe