

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|------------------------|-----------------|
| ISO Data | | | |
| Melt volume-flow rate, MVR | 14 | cm ³ /10min | ISO 1133 |
| Temperature | 250 | °C | - |
| Load | 2.16 | kg | - |
| Molding shrinkage, parallel | 1.4 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 1.4 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 4200 | MPa | ISO 527 |
| Stress at break | 50 | MPa | ISO 527 |
| Strain at break | 3 | % | ISO 527 |
| Charpy impact strength, +23°C | 25 | kJ/m ² | ISO 179/1eU |
| Charpy impact strength, -30°C | 25 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 3 | kJ/m ² | ISO 179/1eA |
| Charpy notched impact strength, -30°C | 3 | kJ/m ² | ISO 179/1eA |
| Ball indentation hardness | 175 | MPa | ISO 2039-1 |

| 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 | 80 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 185 | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | 195 | °C | ISO 306 |
| Coeff. of linear therm. expansion, parallel | 110 | 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 | Value | Unit | Test Standard |
|------------------------------|-------|-------|---------------|
| ISO Data | | | |
| Relative permittivity, 100Hz | 4.5 | - | IEC 62631-2-1 |
| Relative permittivity, 1MHz | 4.3 | - | IEC 62631-2-1 |
| Volume resistivity | >1E13 | Ohm*m | IEC 62631-3-1 |
| Surface resistivity | 1E14 | Ohm | IEC 62631-3-2 |
| Comparative tracking index | 250 | - | IEC 60112 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|----------------|
| Water absorption | 0.35 | % | Sim. to ISO 62 |
| Density | 1540 | kg/m ³ | ISO 1183 |

Characteristics

Delivery form

Natural Color

Regional Availability

North America, Europe