

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|------------|---------|-----------------|
| ISO Data | | | |
| Melt flow index, MFI | 10 | g/10min | ISO 1133 |
| Temperature | 300 | °C | - |
| Load | 1.2 | kg | - |
| Molding shrinkage, parallel | 0.6 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|-------------|-------------------|---------------|
| ISO Data | | | |
| Yield stress | 60 | MPa | ISO 527 |
| Stress at break | 55 | MPa | ISO 527 |
| Strain at break | 50 | % | ISO 527 |
| Flexural modulus, 23°C | 2400 | MPa | ISO 178 |
| Izod notched impact strength, +23°C | 60 | kJ/m ² | ISO 180/1A |
| Izod notched impact strength | 15 | kJ/m ² | ISO 180/1A |
| Temperature | -30 | °C | - |

| Thermal properties | Value | Unit | Test Standard |
|--|------------|-------|-----------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 130 | °C | ISO 75-1/-2 |
| Vicat softening temperature, A | 145 | °C | ISO 306 |
| Vicat softening temperature, B | 140 | °C | ISO 306 |
| Burning behav. at 1.5 mm nom. thickn. | V-0 | class | IEC 60695-11-10 |
| Thickness tested | 1.6 | mm | - |
| Burning behav. at thickness h | V-2 | class | IEC 60695-11-10 |
| Thickness tested | 0.8 | mm | - |
| Glow Wire Flammability Index (GWFI) | 960 | °C | IEC 60695-2-12 |
| GWFI - thickness tested (1) | 2 | mm | - |

| Electrical properties | Value | Unit | Test Standard |
|----------------------------|-------------|-------|---------------|
| ISO Data | | | |
| Volume resistivity | 1E13 | Ohm*m | IEC 62631-3-1 |
| Surface resistivity | 1E15 | Ohm | IEC 62631-3-2 |
| Electric strength | 17 | kV/mm | IEC 60243-1 |
| Comparative tracking index | 225 | - | IEC 60112 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------------|-------------------|---------------|
| Density | 1200 | kg/m ³ | ISO 1183 |

Characteristics

Special Characteristics

Flame retardant, Opaque

Regional Availability

Europe