

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|------|-----------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 1.2 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 1.2 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 3000 | MPa | ISO 527 |
| Yield stress | 80 | MPa | ISO 527 |
| Yield strain | 4 | % | ISO 527 |
| Charpy impact strength, +23°C | N | kJ/m ² | ISO 179/1eU |
| Charpy impact strength, -30°C | N | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 7 | kJ/m ² | ISO 179/1eA |
| Charpy notched impact strength, -30°C | 6 | kJ/m ² | ISO 179/1eA |
| Izod notched impact strength, +23°C | 6 | kJ/m ² | ISO 180/1A |
| Izod notched impact strength | 5 | 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 | 65 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 180 | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | 200 | °C | ISO 306 |
| Burning behav. at thickness h | V-2 | class | IEC 60695-11-10 |
| Thickness tested | 3.2 | mm | - |
| ASTM Data | | | |
| UL 94 Flame rating | V-2 | - | UL 94 |
| Thickness tested | 1.6 | 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 | 600 | - | IEC 60112 |

| Other properties | Value | Unit | Test Standard |
|---------------------|-------|-------------------|----------------|
| Water absorption | 10 | % | Sim. to ISO 62 |
| Humidity absorption | 3 | % | Sim. to ISO 62 |
| Density | 1130 | kg/m ³ | ISO 1183 |

Characteristics

Additives

Lubricants

Features

Nucleated, Thermal Stability

Chemical Resistance

General Chemical Resistance

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe