

| Processing/Physical Characteristics | dry / cond | Unit | Test Standard |
|--|-------------|-------------------|-----------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 1.2 / * | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 1.9 / * | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 3000 / 2000 | MPa | ISO 527 |
| Yield stress | 77 / 56 | MPa | ISO 527 |
| Yield strain | 5 / 21 | % | ISO 527 |
| Flexural modulus, 23°C | 2600 / - | MPa | ISO 178 |
| Flexural strength | 100 / - | MPa | ISO 178 |
| 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 | 8 / - | kJ/m ² | ISO 179/1eA |
| Charpy notched impact strength, -30°C | 7 / - | kJ/m ² | ISO 179/1eA |
| Ball indentation hardness | 111 / - | MPa | ISO 2039-1 |
| Thermal properties | | | |
| ISO Data | | | |
| Melting temperature, 10°C/min | 262 / * | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 70 / * | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 215 / * | °C | ISO 75-1/-2 |
| Burning behav. at 1.5 mm nom. thickn. | HB / * | class | IEC 60695-11-10 |
| Thickness tested | 1.6 / * | mm | - |
| Electrical properties | | | |
| ISO Data | | | |
| Volume resistivity | 1E13 / - | Ohm*m | IEC 62631-3-1 |
| Comparative tracking index | 600 / - | - | IEC 60112 |
| Other properties | | | |
| Density | 1100 / - | kg/m ³ | ISO 1183 |
| Processing Recommendation Injection Molding | | | |
| Melt temperature | 320 | °C | - |
| Mold temperature | 100 | °C | - |
| Injection pressure | 75 | MPa | - |

Characteristics

Processing

Injection Molding

Delivery form

Black

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe, Asia Pacific