

Product Texts

Medium-viscosity standard quality, 30 % glass fiber reinforced, good flowability, good toughness and bright natural colour.
For all kind of moulding parts with high stiffness.

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 10000 | MPa | ISO 527 |
| Tensile Strength | 170 | MPa | ISO 527 |
| Yield stress | 180 | MPa | ISO 527 |
| Yield strain | 3 | % | ISO 527 |
| Strain at break | 4 | % | ISO 527 |
| Charpy impact strength, +23°C | 70 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 12 | kJ/m ² | ISO 179/1eA |

| Thermal properties | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 215 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 235 | °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 | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| Comparative tracking index | 600 | - | IEC 60112 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Water absorption | 6 | % | Sim. to ISO 62 |
| Humidity absorption | 1.6 | % | Sim. to ISO 62 |
| Density | 1370 | kg/m ³ | ISO 1183 |

Characteristics

Regional Availability

Europe