

Product Texts

Medium viscosity polyamide 6.6, 30% glass fibre reinforced as well as heat stabilisation.
For all kind of moulding parts with high stiffness at good heat resistance.

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 9950 | MPa | ISO 527 |
| Stress at break | 185 | MPa | ISO 527 |
| Strain at break | 3 | % | ISO 527 |
| Charpy impact strength, +23°C | 85 | 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 | 250 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 260 | °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 | 550 | - | IEC 60112 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Water absorption | 5.4 | % | Sim. to ISO 62 |
| Humidity absorption | 1.6 | % | Sim. to ISO 62 |
| Density | 1360 | kg/m ³ | ISO 1183 |

Characteristics

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

Europe