

Product Texts

Polyarylamid with 40% glass fiber reinforced and heat stabilization.
For all kind of injection molding parts.

preliminary data

| Mechanical properties | dry / cond | Unit | Test Standard |
|---------------------------------------|----------------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 16600 / 16500 | MPa | ISO 527 |
| Stress at break | 245 / 230 | MPa | ISO 527 |
| Strain at break | 2 / 2.4 | % | ISO 527 |
| Charpy impact strength, +23°C | 70 / 75 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 8 / 10 | kJ/m ² | ISO 179/1eA |

| Thermal properties | dry / cond | Unit | Test Standard |
|--|-------------------|-------------|----------------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 237 / * | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 220 / * | °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 | dry / cond | Unit | Test Standard |
|------------------------------|-------------------|-------------|----------------------|
| ISO Data | | | |
| Electric strength | 31 / - | kV/mm | IEC 60243-1 |
| Comparative tracking index | 490 / - | - | IEC 60112 |

| Other properties | dry / cond | Unit | Test Standard |
|-------------------------|-------------------|-------------------|----------------------|
| Water absorption | 1.7 / * | % | Sim. to ISO 62 |
| Humidity absorption | 0.18 / * | % | Sim. to ISO 62 |
| Density | 1550 / - | kg/m ³ | ISO 1183 |

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Regional Availability

Europe