


TEREZ PA/PP 7500 GF 35/3

(PA6+PP)

Ter Plastics

Product Texts

Blend, 35% glassfiber reinforced, medium viscosity with high rigidity and low moisture absorption.
 For moulding parts with high mechanical requirements at low water absorption.

| Mechanical properties | Value | Unit | Test Standard |
|---|--------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 11000 | MPa | ISO 527-1/-2 |
| Tensile Strength | 134 | MPa | ISO 527-1/-2 |
| Yield stress | 140 | MPa | ISO 527-1/-2 |
| Yield strain | 3 | % | ISO 527-1/-2 |
| Stress at break | 120 | MPa | ISO 527-1/-2 |
| Strain at break | 4.6 | % | ISO 527-1/-2 |
| Charpy impact strength (+23°C) | 60 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength (+23°C) | 9 | kJ/m ² | ISO 179/1eA |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load (1.80 MPa) | 190 | °C | ISO 75-1/-2 |
| Temp. of deflection under load (0.45 MPa) | 200 | °C | ISO 75-1/-2 |
| Burning behav. at 1.5 mm nom. thickn. | HB | class | IEC 60695-11-10 |
| Thickness tested | 1.6 | mm | IEC 60695-11-10 |
| Other properties | | | |
| ISO Data | | | |
| Water absorption | 4 | % | Sim. to ISO 62 |
| Humidity absorption | 0.8 | % | Sim. to ISO 62 |
| Density | 1310 | kg/m ³ | ISO 1183 |