


TEREZ PA 6.6 HT 7110 GF 41 FL-HF/2

PA66

Ter Plastics

Product Texts

PA66 copolymer with partially aromatic content, 41 % glassfiber reinforced and flame retardants.
 Stiff moulding parts with high stiffness by outstanding thermal stability, reduced warpage.

| Mechanical properties | Value | Unit | Test Standard |
|--|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 15500 | MPa | ISO 527-1/-2 |
| Tensile Strength | 210 | MPa | ISO 527-1/-2 |
| Yield stress | 210 | MPa | ISO 527-1/-2 |
| Yield strain | 2 | % | ISO 527-1/-2 |
| Stress at break | 185 | MPa | ISO 527-1/-2 |
| Strain at break | 2.5 | % | ISO 527-1/-2 |
| Charpy impact strength (+23°C) | 56 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength (+23°C) | 8 | kJ/m ² | ISO 179/1eA |

| Thermal properties | Value | Unit | Test Standard |
|---|-------|-------|-----------------|
| ISO Data | | | |
| Temp. of deflection under load (1.80 MPa) | 230 | °C | ISO 75-1/-2 |
| Temp. of deflection under load (0.45 MPa) | 245 | °C | ISO 75-1/-2 |
| Burning behav. at 1.5 mm nom. thickn. | V-0 | class | IEC 60695-11-10 |
| Thickness tested | 1.6 | mm | IEC 60695-11-10 |

| Other properties | Value | Unit | Test Standard |
|---------------------|-------|-------------------|----------------|
| ISO Data | | | |
| Humidity absorption | 0.6 | % | Sim. to ISO 62 |
| Density | 1560 | kg/m ³ | ISO 1183 |

Characteristics
Special Characteristics

Flame retardant