


**TEREZ PA 6 7750 T GF 10/M**

PA6

Ter Plastics

**Product Texts**

PA6 standard type with medium viscosity dry impact resistant modified with 10% GF and Mineral  
 For all kind of injection molding parts

| Mechanical properties                     | Value | Unit              | Test Standard   |
|-------------------------------------------|-------|-------------------|-----------------|
| <b>ISO Data</b>                           |       |                   |                 |
| Tensile Modulus                           | 4000  | MPa               | ISO 527-1/-2    |
| Yield stress                              | 95    | MPa               | ISO 527-1/-2    |
| Yield strain                              | 3     | %                 | ISO 527-1/-2    |
| Stress at break                           | 90    | MPa               | ISO 527-1/-2    |
| Strain at break                           | 4     | %                 | ISO 527-1/-2    |
| Charpy impact strength (+23°C)            | 46    | kJ/m <sup>2</sup> | ISO 179/1eU     |
| Charpy notched impact strength (+23°C)    | 8     | kJ/m <sup>2</sup> | ISO 179/1eA     |
| <b>Thermal properties</b>                 |       |                   |                 |
| <b>ISO Data</b>                           |       |                   |                 |
| Temp. of deflection under load (1.80 MPa) | 160   | °C                | ISO 75-1/-2     |
| Temp. of deflection under load (0.45 MPa) | 190   | °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 |
| <b>Other properties</b>                   |       |                   |                 |
| <b>ISO Data</b>                           |       |                   |                 |
| Water absorption                          | 7.8   | %                 | Sim. to ISO 62  |
| Humidity absorption                       | 2.3   | %                 | Sim. to ISO 62  |
| Density                                   | 1200  | kg/m <sup>3</sup> | ISO 1183        |