


**TEREZ PA 6.6 7500 GF 25 FLB/2**

PA66

Ter Plastics

**Product Texts**

Standard type with medium viscosity PA66 with 25% reinforced and halogenated flame retardants  
 For all kind of injection molding parts with high stiffness and flame resistant

| <b>Mechanical properties</b>              | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|---|--------------|-------------------|----------------------|
| <b>ISO Data</b>                           |              |                   |                      |
| Tensile Modulus                           | 10600        | MPa               | ISO 527-1/-2         |
| Tensile Strength                          | 150          | MPa               | ISO 527-1/-2         |
| Yield stress                              | 155          | MPa               | ISO 527-1/-2         |
| Yield strain                              | 1            | %                 | ISO 527-1/-2         |
| Stress at break                           | 120          | MPa               | ISO 527-1/-2         |
| Strain at break                           | 1.5          | %                 | ISO 527-1/-2         |
| Charpy impact strength (+23°C)            | 55           | kJ/m <sup>2</sup> | ISO 179/1eU          |
| Charpy notched impact strength (+23°C)    | 10           | kJ/m <sup>2</sup> | ISO 179/1eA          |
| <b>Thermal properties</b>                 |              |                   |                      |
| <b>ISO Data</b>                           |              |                   |                      |
| Temp. of deflection under load (1.80 MPa) | 210          | °C                | ISO 75-1/-2          |
| Temp. of deflection under load (0.45 MPa) | 235          | °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      |
| <b>Other properties</b>                   |              |                   |                      |
| <b>ISO Data</b>                           |              |                   |                      |
| Water absorption                          | 4.3          | %                 | Sim. to ISO 62       |
| Humidity absorption                       | 2.2          | %                 | Sim. to ISO 62       |
| Density                                   | 1420         | kg/m <sup>3</sup> | ISO 1183             |