


**TEREZ PA 6.6 7500 GF 30 HY**

PA66

Ter Plastics

**Product Texts**

Medium viscosity standard PA66, 30% glasfiber reinforced, good flowability, heat stabilized and hydrolysis stabilized  
 For all kind of moulding parts with high stiffness at good heat resistance.

| <b>Mechanical properties</b>              | <b>dry / cond</b> | <b>Unit</b> | <b>Test Standard</b> |
|-------------------------------------------|-------------------|-------------|----------------------|
| <b>ISO Data</b>                           |                   |             |                      |
| Tensile Modulus                           | 10000 / 7500      | MPa         | ISO 527-1/-2         |
| Stress at break                           | 190 / 135         | MPa         | ISO 527-1/-2         |
| Strain at break                           | 3 / 4             | %           | ISO 527-1/-2         |
| Charpy impact strength (+23°C)            | 70 / 78           | kJ/m²       | ISO 179/1eU          |
| Charpy notched impact strength (+23°C)    | 12 / 15           | kJ/m²       | ISO 179/1eA          |
| <b>Thermal properties</b>                 |                   |             |                      |
| <b>ISO Data</b>                           |                   |             |                      |
| Temp. of deflection under load (1.80 MPa) | 245 / *           | °C          | ISO 75-1/-2          |
| Temp. of deflection under load (0.45 MPa) | 255 / *           | °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>Electrical properties</b>              |                   |             |                      |
| <b>ISO Data</b>                           |                   |             |                      |
| Comparative tracking index                | 550 / -           | -           | IEC 60112            |
| <b>Other properties</b>                   |                   |             |                      |
| <b>ISO Data</b>                           |                   |             |                      |
| Water absorption                          | 6 / *             | %           | Sim. to ISO 62       |
| Humidity absorption                       | 1.6 / *           | %           | Sim. to ISO 62       |
| Density                                   | 1370 / -          | kg/m³       | ISO 1183             |