



| 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. | | | |
| Mechanical properties | dry / cond | Unit | Test Standard |
| ISO Data | | | |
| 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/m ² | ISO 179/1eU |
| Charpy notched impact strength (+23°C) | 12 / 15 | kJ/m ² | ISO 179/1eA |
| Thermal properties | | | |
| ISO Data | | | |
| 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 |
| Electrical properties | | | |
| ISO Data | | | |
| Comparative tracking index | 550 / - | - | IEC 60112 |
| Other properties | | | |
| ISO Data | | | |
| Water absorption | 6 / * | % | Sim. to ISO 62 |
| Humidity absorption | 1.6 / * | % | Sim. to ISO 62 |
| Density | 1370 / - | kg/m ³ | ISO 1183 |