



| TEREZ PA 6.6 7610 | | | |
|---|--------------|-------------------|----------------------|
| PA66 | | | Ter Plastics |
| Product Texts | | | |
| Medium viscose Polyamide 6.6, good flowability, good impact strength. For long moulding parts, short cycletime, good demoulding. | | | |
| Mechanical properties | | | |
| | Value | Unit | Test Standard |
| ISO Data | | | |
| Tensile Modulus | 3100 | MPa | ISO 527-1/-2 |
| Tensile Strength | 90 | MPa | ISO 527-1/-2 |
| Yield stress | 90 | MPa | ISO 527-1/-2 |
| Yield strain | 4 | % | ISO 527-1/-2 |
| Strain at break | 25 | % | ISO 527-1/-2 |
| Charpy impact strength (+23°C) | N | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength (+23°C) | 6 | kJ/m ² | ISO 179/1eA |
| Thermal properties | | | |
| | Value | Unit | Test Standard |
| ISO Data | | | |
| Temp. of deflection under load (1.80 MPa) | 80 | °C | ISO 75-1/-2 |
| Temp. of deflection under load (0.45 MPa) | 225 | °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 | | | |
| | Value | Unit | Test Standard |
| ISO Data | | | |
| Volume resistivity | 1E12 | Ohm*m | IEC 60093 |
| Surface resistivity | 1E13 | Ohm | IEC 60093 |
| Comparative tracking index | 550 | - | IEC 60112 |
| Other properties | | | |
| | Value | Unit | Test Standard |
| ISO Data | | | |
| Water absorption | 8.5 | % | Sim. to ISO 62 |
| Humidity absorption | 2.3 | % | Sim. to ISO 62 |
| Density | 1140 | kg/m ³ | ISO 1183 |