


TEREZ PA 6.6 7600 AE

PA66

Ter Plastics

Product Texts

Medium viscosity Polyamide 6.6 with good flowability, good impact resistance and bright natural colour.
 For long flow distances and short molding cycles with good demoldability.

| Mechanical properties | Value | Unit | Test Standard |
|---|--------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 3600 | MPa | ISO 527-1/-2 |
| Tensile Strength | 90 | MPa | ISO 527-1/-2 |
| Yield stress | 100 | MPa | ISO 527-1/-2 |
| Yield strain | 3 | % | ISO 527-1/-2 |
| Charpy impact strength (+23°C) | N | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength (+23°C) | 5 | kJ/m ² | ISO 179/1eA |
| Thermal properties | | | |
| ISO Data | | | |
| Melting temperature (10°C/min) | 255 | °C | ISO 11357-1/-3 |
| 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 | | | |
| ISO Data | | | |
| Comparative tracking index | 600 | - | IEC 60112 |
| Other properties | | | |
| ISO Data | | | |
| Density | 1140 | kg/m ³ | ISO 1183 |