

## ■ Technical Information

# TEREZ<sup>®</sup> PA 6.6 7750 T

**Description** Dry impact unfilled Polyamide 6.6, good flowability and demoulding properties.

**Application** Moulding parts of different kind, high impact properties.

| Properties                                 | Norm          | Unit              | Value  |
|--------------------------------------------|---------------|-------------------|--------|
| Density                                    | ISO 1183      | g/cm <sup>3</sup> | 1,1300 |
| Impact strength Charpy (Notched 23°C), dry | ISO 179       | kJ/m <sup>2</sup> | 12     |
| Impact strength Charpy 23°C, dry           | ISO 179       | kJ/m <sup>2</sup> | NB     |
| Tensile-modulus, dry                       | ISO 527       | MPa               | 2800   |
| Tensile strength, dry                      | ISO 527       | MPa               | 60     |
| Elongation at break, dry                   | ISO 527       | %                 | 30     |
| Elongation at yield, dry                   | ISO 527       | %                 | 4,00   |
| Yield strength, dry                        | ISO 527       | MPa               | 75     |
| HDT 0,45 MPa                               | ISO 75        | °C                | 215    |
| HDT 1,81 MPa                               | ISO 75        | °C                | 80     |
| UL 94 1,6 mm                               | acc. to UL 94 |                   | HB     |
| Water absorption                           | ISO 62        | %                 | 7,50   |
| Moisture absorption                        | ISO 62        | %                 | 2,10   |

### Processing guidelines

|                        |        |           |
|------------------------|--------|-----------|
| Processing temperature | °C     | 270 - 290 |
| Predrying              | °C / h | 90 / 2-4  |

### Details

All specified data are reference data. Typical values for uncolored product at 23°C.

The data were generated from specimen tests and do not exempt the use from own measurements according to usage.  
The specified data do not represent guaranteed properties.