


**TEREZ PA 6 7500 TF 20 GF 20**

(PA6+PTFE)

Ter Plastics

**Product Texts**

Medium viscosity PA6, 20% PTFE chemically bonded and 20% glassfiber reinforced, good flowability, good impact resistance and bright natural colour.

For moulding parts with increased stiffness and slide loading.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
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**ISO Data**

Tensile Modulus	6800	MPa	ISO 527-1/-2
Tensile Strength	140	MPa	ISO 527-1/-2
Yield stress	145	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Stress at break	138	MPa	ISO 527-1/-2
Strain at break	3	%	ISO 527-1/-2
Charpy impact strength (+23°C)	80	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	12	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
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**ISO Data**

Temp. of deflection under load (1.80 MPa)	200	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	215	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	215	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
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**ISO Data**

Water absorption	5.7	%	Sim. to ISO 62
Humidity absorption	1.5	%	Sim. to ISO 62
Density	1420	kg/m <sup>3</sup>	ISO 1183

**Characteristics**
**Additives**

Lubricants