


**TEREZ PA 6.6 7510 GF 25**

PA66

Ter Plastics

**Product Texts**

Standard quality PA 6.6, medium viscosity, 25% glassfiber reinforced.  
 Moulding parts of high rigidity and good heat resistance.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	8600	MPa	ISO 527-1/-2
Tensile Strength	145	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Stress at break	135	MPa	ISO 527-1/-2
Strain at break	4	%	ISO 527-1/-2
Charpy impact strength (+23°C)	50	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	10	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load (1.80 MPa)	230	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	240	°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
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	1E13	Ohm*m	IEC 60093
Surface resistivity	1E17	Ohm	IEC 60093
<b>Other properties</b>			
<b>ISO Data</b>			
Water absorption	6.3	%	Sim. to ISO 62
Humidity absorption	2.1	%	Sim. to ISO 62
Density	1310	kg/m <sup>3</sup>	ISO 1183