


**TEREZ PA 6 7510 GF 30 UV**

PA6

Ter Plastics

**Product Texts**

 PA 6 standard type with medium viscosity with 30% glass fiber filled and UV stabilizer  
 For injection molding parts with high rigidity and well impact strength

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	9500	MPa	ISO 527-1/-2
Tensile Strength	180	MPa	ISO 527-1/-2
Yield stress	185	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Strain at break	2	%	ISO 527-1/-2
Charpy impact strength (+23°C)	80	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	15	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load (1.80 MPa)	195	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	210	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	200	°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>ISO Data</b>			
Water absorption	7	%	Sim. to ISO 62
Humidity absorption	2.1	%	Sim. to ISO 62
Density	1350	kg/m <sup>3</sup>	ISO 1183