


**TEREZ PA 6.6 7500 GF 35 H**

PA66

Ter Plastics

**Product Texts**

Medium viscosity Polyamide 6.6, 35% glass fibre reinforced and heat stabilised.  
 For moulding parts of all kind, high stiffness, good heat resistance.

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	11200	MPa	ISO 527-1/-2
Tensile Strength	190	MPa	ISO 527-1/-2
Yield stress	195	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Stress at break	185	MPa	ISO 527-1/-2
Strain at break	2.2	%	ISO 527-1/-2
Charpy impact strength (+23°C)	70	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>ISO Data</b>			
Temp. of deflection under load (1.80 MPa)	245	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	255	°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>Other properties</b>			
<b>ISO Data</b>			
Water absorption	5.6	%	Sim. to ISO 62
Humidity absorption	1.7	%	Sim. to ISO 62
Density	1410	kg/m <sup>3</sup>	ISO 1183