


**TEREZ PA 6.6 7500 GF 35 HY**

PA66

Ter Plastics

**Product Texts**

Medium viscosity, 35 % glassfiber reinforced Polyamide 6.6, good flowability, good impact strength, bright natural colour, hydrolysis resistant.

For moulding parts with high rigidity at good heat resistant.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	11500	MPa	ISO 527-1/-2
Tensile Strength	200	MPa	ISO 527-1/-2
Yield stress	210	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Strain at break	3	%	ISO 527-1/-2
Charpy impact strength (+23°C)	75	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)	240	°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	5.5	%	Sim. to ISO 62
Humidity absorption	1.5	%	Sim. to ISO 62
Density	1410	kg/m <sup>3</sup>	ISO 1183