



**TEREZ PA 6.6 7100**  
**PA66** Ter Plastics

**Product Texts**

PA 6.6 low viscosity and good flowability.  
 For long melt flow path and short cycle time.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	3200	MPa	ISO 527-1/-2
Tensile Strength	85	MPa	ISO 527-1/-2
Yield stress	90	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Strain at break	25	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	5	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load (1.80 MPa)	75	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	225	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-2	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>
<b>ISO Data</b>			
Water absorption	8.5	%	Sim. to ISO 62
Humidity absorption	2.3	%	Sim. to ISO 62
Density	1140	kg/m <sup>3</sup>	ISO 1183