


**TEREZ PA 6 7850 TD**

PA6

Ter Plastics

**Product Texts**

PA6 standard type with medium viscosity high impact with good flow behavior  
 For injection molding parts with enhanced impact strength

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	2000	MPa	ISO 527-1/-2
Tensile Strength	55	MPa	ISO 527-1/-2
Yield stress	60	MPa	ISO 527-1/-2
Yield strain	5	%	ISO 527-1/-2
Stress at break	50	MPa	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)	18	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load (1.80 MPa)	60	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	198	°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	8.5	%	Sim. to ISO 62
Humidity absorption	2.5	%	Sim. to ISO 62
Density	1100	kg/m <sup>3</sup>	ISO 1183