



<b>TEREZ PA 6 7851 T GF 15 H</b>			
PA6			Ter Plastics
<b>Product Texts</b>			
Impact modified Polyamide 6, 15 % glassfiber reinforced, heat stabilized. For all kind of moulding parts with increased impact stress.			
<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	4700	MPa	ISO 527-1/-2
Tensile Strength	82	MPa	ISO 527-1/-2
Yield stress	84	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Stress at break	85	MPa	ISO 527-1/-2
Strain at break	5	%	ISO 527-1/-2
Charpy impact strength (+23°C)	60	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	60	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	20	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Temp. of deflection under load (1.80 MPa)	165	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	205	°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>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	6.8	%	Sim. to ISO 62
Humidity absorption	2	%	Sim. to ISO 62
Density	1180	kg/m <sup>3</sup>	ISO 1183