



<b>TEREZ PA 6.6 7500 GF 50 H</b>			
PA66			Ter Plastics
<b>Product Texts</b>			
Medium viscosity Polyamide 6.6, 50 % glassfiber reinforced, heat stabilized. For moulding parts with high stiffness at good thermal stability.			
<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	15500	MPa	ISO 527-1/-2
Stress at break	235	MPa	ISO 527-1/-2
Strain at break	2	%	ISO 527-1/-2
Charpy impact strength (+23°C)	90	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	17	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)	250	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	250	°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>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Water absorption	4.2	%	Sim. to ISO 62
Humidity absorption	1.4	%	Sim. to ISO 62
Density	1560	kg/m <sup>3</sup>	ISO 1183