


**TEREZ PA 6 7530 GF 10 MF 20 HY**

PA6

Ter Plastics

**Product Texts**

Medium viscosity, dry impact resistant Polyamide 6, 10% glassfiber and 20 % mineral reinforced, hydrolysis stabilizer, heat stabilized.

For moulding parts with good stiffness and high dimensional stability.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	5500	MPa	ISO 527-1/-2
Tensile Strength	90	MPa	ISO 527-1/-2
Yield stress	100	MPa	ISO 527-1/-2
Strain at break	4	%	ISO 527-1/-2
Charpy impact strength (+23°C)	50	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>ISO Data</b>			
Temp. of deflection under load (1.80 MPa)	200	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	210	°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	6.6	%	Sim. to ISO 62
Humidity absorption	2	%	Sim. to ISO 62
Density	1350	kg/m <sup>3</sup>	ISO 1183