


**TEREZ PA 6 7400 GK 50**

PA6

Ter Plastics

**Product Texts**

Medium viscosity PA6, 50% glassfiber reinforced, increased dimensional accuracy, good flowability, good impact resistance and bright natural colour.

For dimensionally stable moulding parts, short cycletime, balanced shrinkage characteristics and very low warpage.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	6000	MPa	ISO 527-1/-2
Tensile Strength	90	MPa	ISO 527-1/-2
Yield stress	95	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Strain at break	8	%	ISO 527-1/-2
Charpy impact strength (+23°C)	50	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	8	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load (1.80 MPa)	90	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	200	°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	5	%	Sim. to ISO 62
Humidity absorption	1.5	%	Sim. to ISO 62
Density	1530	kg/m <sup>3</sup>	ISO 1183