



## TEREZ PA 6 7100 X

PA6

Ter Plastics

**Product Texts**

Medium viscosity standard quality with good flow characteristics.  
For long and short cycle times.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	3700	MPa	ISO 527-1/-2
Yield stress	92	MPa	ISO 527-1/-2
Yield strain	3.3	%	ISO 527-1/-2
Strain at break	14	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	7.5	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load (1.80 MPa)	65	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	185	°C	ISO 75-1/-2
<b>Other properties</b>			
<b>ISO Data</b>			
Water absorption	8.9	%	Sim. to ISO 62
Humidity absorption	2.6	%	Sim. to ISO 62
Density	1130	kg/m <sup>3</sup>	ISO 1183