


**TEREZ PA 6.10 7100 ECO**

PA610

Ter Plastics

**Product Texts**

Polyamide 6.10 with medium viscosity, partly from bio-renewable resources.  
 For injection moulding and extrusion applications.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	2200	MPa	ISO 527-1/-2
Yield stress	62	MPa	ISO 527-1/-2
Yield strain	4.8	%	ISO 527-1/-2
Strain at break	50	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	6	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load (1.80 MPa)	60	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	195	°C	ISO 306
<b>Other properties</b>			
<b>ISO Data</b>			
Water absorption	3.2	%	Sim. to ISO 62
Humidity absorption	1.4	%	Sim. to ISO 62
Density	1080	kg/m <sup>3</sup>	ISO 1183

**Characteristics**
**Ecological valuation**

Contains renewable resources