


**TEREZ PA 6.6 7500 TF 15  
(PA66+PTFE)**

Ter Plastics

**Product Texts**

Polyamid 66, 15 % PTFE chemically bonded.

For injection moulding parts with increased demand of abrasion and anti-friction properties.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	3400	MPa	ISO 527-1/-2
Tensile Strength	60	MPa	ISO 527-1/-2
Yield stress	60	MPa	ISO 527-1/-2
Yield strain	4	%	ISO 527-1/-2
Strain at break	6	%	ISO 527-1/-2
Charpy impact strength (+23°C)	85	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	4	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)	75	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	230	°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>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Volume resistivity	1E15	Ohm*m	IEC 60093
Surface resistivity	1E17	Ohm	IEC 60093

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Water absorption	6	%	Sim. to ISO 62
Humidity absorption	1	%	Sim. to ISO 62
Density	1220	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Additives**

Lubricants