



<b>TEREZ PA 6.6 7500 TF 20</b>			
<b>(PA66+PTFE)</b>			Ter Plastics
<b>Product Texts</b>			
Polyamid 66, 20 % 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	3100	MPa	ISO 527-1/-2
Tensile Strength	70	MPa	ISO 527-1/-2
Yield stress	74	MPa	ISO 527-1/-2
Yield strain	5	%	ISO 527-1/-2
Stress at break	67	MPa	ISO 527-1/-2
Strain at break	20	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	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>Value</b>	<b>Unit</b>	<b>Test Standard</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)	235	°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>			
Relative permittivity, 1MHz	220	-	IEC 60250
Volume resistivity	1E15	Ohm*m	IEC 60093
Comparative tracking index	550	-	IEC 60112
<b>Other properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Water absorption	6.8	%	Sim. to ISO 62
Humidity absorption	1.8	%	Sim. to ISO 62
Density	1250	kg/m <sup>3</sup>	ISO 1183
<b>Characteristics</b>			
<b>Additives</b>			
Lubricants			