



<b>TEREZ PA 6 7111</b>			
PA6			Ter Plastics
<b>Product Texts</b>			
Polyamid without release agent for injection moulding and extrusion. For all kind of moulding parts.			
<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	2800	MPa	ISO 527-1/-2
Tensile Strength	82	MPa	ISO 527-1/-2
Yield strain	3	%	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)	5	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</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
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
<b>Electrical properties</b>			
<b>ISO Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Volume resistivity	1E15	Ohm*m	IEC 60093
Surface resistivity	1E15	Ohm	IEC 60093
Comparative tracking index	600	-	IEC 60112
<b>Other properties</b>			
<b>ISO Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	9.5	%	Sim. to ISO 62
Humidity absorption	2.5	%	Sim. to ISO 62
Density	1130	kg/m <sup>3</sup>	ISO 1183