



<b>TEREZ PET 3100</b>			
PET		Ter Plastics	
<b>Product Texts</b>			
Standard type with medium viscosity Copolymer PET For all kind of injection molded parts			
<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	2400	MPa	ISO 527-1/-2
Yield stress	57	MPa	ISO 527-1/-2
Yield strain	4	%	ISO 527-1/-2
Stress at break	24	MPa	ISO 527-1/-2
Strain at break	130	%	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>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Temp. of deflection under load (1.80 MPa)	61	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	66	°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>ISO Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Comparative tracking index	200	-	IEC 60112
<b>Other properties</b>			
<b>ISO Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	0.8	%	Sim. to ISO 62
Humidity absorption	0.3	%	Sim. to ISO 62
Density	1320	kg/m <sup>3</sup>	ISO 1183