



<b>TEREZ PA 6.6 7630</b>			
PA66			Ter Plastics
<b>Product Texts</b>			
Medium-viscosity, unfilled Polyamide 6.6 industrial grade, good flowability and good impact strength Industrial parts of different kind, good demoulding 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	75	MPa	ISO 527-1/-2
Yield strain	4	%	ISO 527-1/-2
Strain at break	30	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	7	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°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)	220	°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>			
Comparative tracking index	500	-	IEC 60112
<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Water absorption	9	%	Sim. to ISO 62
Humidity absorption	2.8	%	Sim. to ISO 62
Density	1130	kg/m <sup>3</sup>	ISO 1183