


TEREZ PA 6.6 7610

PA66

Ter Plastics

Product Texts

Medium viscose Polyamide 6.6, good flowability, good impact strength.
 For long moulding parts, short cycletime, good demoulding.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3100	MPa	ISO 527-1/-2
Tensile Strength	90	MPa	ISO 527-1/-2
Yield stress	90	MPa	ISO 527-1/-2
Yield strain	4	%	ISO 527-1/-2
Strain at break	25	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	6	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	80	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	225	°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
Electrical properties			
ISO Data			
Volume resistivity	1E12	Ohm*m	IEC 60093
Surface resistivity	1E13	Ohm	IEC 60093
Comparative tracking index	550	-	IEC 60112
Other properties			
ISO Data			
Water absorption	8.5	%	Sim. to ISO 62
Humidity absorption	2.3	%	Sim. to ISO 62
Density	1140	kg/m ³	ISO 1183