


TEREZ PA 6 7750 T

PA6

Ter Plastics

Product Texts

Medium viscosity, impact resistant modified standard quality with good flow characteristics.
 For moulding parts with high impact stress.

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	2600 / 1100	MPa	ISO 527-1/-2
Tensile Strength	65 / 34	MPa	ISO 527-1/-2
Yield stress	75 / -	MPa	ISO 527-1/-2
Yield strain	3 / -	%	ISO 527-1/-2
Strain at break	50 / 60	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	12 / -	kJ/m ²	ISO 179/1eA
Flexural modulus (23°C)	2100 / -	MPa	ISO 178
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	55 / *	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	165 / *	°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	1E13 / -	Ohm*m	IEC 60093
Comparative tracking index	600 / -	-	IEC 60112
Other properties			
ISO Data			
Water absorption	9 / *	%	Sim. to ISO 62
Humidity absorption	2.5 / *	%	Sim. to ISO 62
Density	1110 / -	kg/m ³	ISO 1183