


TEREZ PA 6 6500 A

PA6

Ter Plastics

Product Texts

Medium viscosity, heat stabilized product with very good flowability.
 For different parts of housing parts.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2700	MPa	ISO 527-1/-2
Tensile Strength	70	MPa	ISO 527-1/-2
Yield stress	80	MPa	ISO 527-1/-2
Strain at break	50	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	60	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	185	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	195	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
Other properties			
ISO Data			
Water absorption	9.5	%	Sim. to ISO 62
Humidity absorption	3	%	Sim. to ISO 62
Density	1140	kg/m ³	ISO 1183