


TEREZ PA 6 7600 H AM/1

PA6

Ter Plastics

Product Texts

PA6 standard type medium viscosity with heat stabilization and antimicrobial modifier
 For injection molding parts for deep flow and short cycles

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3100	MPa	ISO 527-1/-2
Tensile Strength	75	MPa	ISO 527-1/-2
Yield stress	80	MPa	ISO 527-1/-2
Yield strain	4	%	ISO 527-1/-2
Stress at break	65	MPa	ISO 527-1/-2
Strain at break	20	%	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)	85	°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
Other properties			
ISO Data			
Water absorption	10	%	Sim. to ISO 62
Humidity absorption	2.8	%	Sim. to ISO 62
Density	1140	kg/m ³	ISO 1183