


TEREZ PA 6 7850 TD

PA6

Ter Plastics

Product Texts

 PA6 standard type with medium viscosity high impact with good flow behavior
 For injection molding parts with enhanced impact strength

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2000	MPa	ISO 527-1/-2
Tensile Strength	55	MPa	ISO 527-1/-2
Yield stress	60	MPa	ISO 527-1/-2
Yield strain	5	%	ISO 527-1/-2
Stress at break	50	MPa	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)	18	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)	198	°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	8.5	%	Sim. to ISO 62
Humidity absorption	2.5	%	Sim. to ISO 62
Density	1100	kg/m ³	ISO 1183