


TEREZ PA 6 7500 GF 60

PA6

Ter Plastics

Product Texts

Medium viscosity polyamide 6, 60% glassfiber reinforced, good flowability and good impact resistance.
 For all kind of moulding parts with very high stiffness.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	19100	MPa	ISO 527-1/-2
Tensile Strength	211	MPa	ISO 527-1/-2
Yield stress	225	MPa	ISO 527-1/-2
Yield strain	1	%	ISO 527-1/-2
Strain at break	1.5	%	ISO 527-1/-2
Charpy impact strength (+23°C)	76	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	16	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	195	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	205	°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	3.7	%	Sim. to ISO 62
Humidity absorption	1.2	%	Sim. to ISO 62
Density	1650	kg/m ³	ISO 1183