


TEREZ PA 6 7500 GF 20 GK 10

PA6

Ter Plastics

Product Texts

Medium viscosity PA6, 20% glassfiber and 10% glassbead reinforced.
 For all kind of moulding parts with high stiffness and low tendency to warp.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	7500	MPa	ISO 527-1/-2
Tensile Strength	150	MPa	ISO 527-1/-2
Yield stress	140	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Stress at break	130	MPa	ISO 527-1/-2
Strain at break	3	%	ISO 527-1/-2
Charpy impact strength (+23°C)	45	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)	200	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	225	°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	6.9	%	Sim. to ISO 62
Humidity absorption	2.3	%	Sim. to ISO 62
Density	1330	kg/m ³	ISO 1183