


TEREZ PA 6 7510 GF 10 MF 30

PA6

Ter Plastics

Product Texts

Polyamide 6, 10% glassfiber and 30% mineralfiber reinforced, good flowability and high stiffness.
 For Injection moulding parts with well balanced shrinkage.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	7000	MPa	ISO 527-1/-2
Tensile Strength	100	MPa	ISO 527-1/-2
Yield stress	120	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Strain at break	5	%	ISO 527-1/-2
Charpy impact strength (+23°C)	60	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)	195	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	215	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	200	°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	6.5	%	Sim. to ISO 62
Humidity absorption	1.8	%	Sim. to ISO 62
Density	1460	kg/m ³	ISO 1183