


TEREZ PA 6 7500 GF 30

PA6

Ter Plastics

Product Texts

Medium viscosity Polyamide 6, 30% glassfiber reinforced, good flowability, good impact resistance and bright natural colour.
 For moulding parts with high stiffness and good impact resistance.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9500	MPa	ISO 527-1/-2
Tensile Strength	180	MPa	ISO 527-1/-2
Yield stress	180	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Strain at break	4	%	ISO 527-1/-2
Charpy impact strength (+23°C)	85	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	15	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)	210	°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
Electrical properties			
ISO Data			
Comparative tracking index	550	-	IEC 60112
Other properties			
ISO Data			
Water absorption	6.3	%	Sim. to ISO 62
Humidity absorption	1.9	%	Sim. to ISO 62
Density	1350	kg/m ³	ISO 1183