



TEREZ PA 6 7500 GF 25

PA6

Ter Plastics

Product Texts

25% glassfiber reinforced Polyamide 6, medium-viscosity.
Moulding parts with good stiffness.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	7500	MPa	ISO 527-1/-2
Tensile Strength	160	MPa	ISO 527-1/-2
Yield stress	160	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)	55	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	14	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	205	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	220	°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	Value	Unit	Test Standard
ISO Data			
Water absorption	7	%	Sim. to ISO 62
Humidity absorption	2.1	%	Sim. to ISO 62
Density	1320	kg/m ³	ISO 1183