


TEREZ PA 6 7500 GF 50

PA6

Ter Plastics

Product Texts

Medium viscose Polyamide 6, 50% glassfiber reinforced.
 For Moulding parts of very high stiffness combined with good impact strength.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	15000	MPa	ISO 527-1/-2
Tensile Strength	205	MPa	ISO 527-1/-2
Yield stress	215	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Strain at break	3	%	ISO 527-1/-2
Charpy impact strength (+23°C)	90	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)	210	°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
Electrical properties			
ISO Data			
Comparative tracking index	500	-	IEC 60112
Other properties			
ISO Data			
Water absorption	4.5	%	Sim. to ISO 62
Humidity absorption	1.6	%	Sim. to ISO 62
Density	1560	kg/m ³	ISO 1183