


TEREZ PA/PP 7500 GF 7/1

(PA6+PP)

Ter Plastics

Product Texts

Medium viscosity special compound with increased rigidity and low moisture absorption.
 For moulding parts with high mechanical requirements at low moisture absorption.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3900	MPa	ISO 527-1/-2
Tensile Strength	70	MPa	ISO 527-1/-2
Yield stress	75	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Stress at break	65	MPa	ISO 527-1/-2
Strain at break	5	%	ISO 527-1/-2
Charpy impact strength (+23°C)	40	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	8	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	145	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	175	°C	ISO 75-1/-2
Vicat softening temperature A	160	°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	5.7	%	Sim. to ISO 62
Humidity absorption	1.8	%	Sim. to ISO 62
Density	1100	kg/m ³	ISO 1183