


TEREZ PA/PP 7500 GF 35/3

(PA6+PP)

Ter Plastics

Product Texts

 Blend, 35% glassfiber reinforced, medium viscosity with high rigidity and low moisture absorption.
 For moulding parts with high mechanical requirements at low water absorption.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	11000	MPa	ISO 527-1/-2
Tensile Strength	134	MPa	ISO 527-1/-2
Yield stress	140	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Stress at break	120	MPa	ISO 527-1/-2
Strain at break	4.6	%	ISO 527-1/-2
Charpy impact strength (+23°C)	60	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	9	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	190	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	200	°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			
ISO Data			
Water absorption	4	%	Sim. to ISO 62
Humidity absorption	0.8	%	Sim. to ISO 62
Density	1310	kg/m ³	ISO 1183