


TEREZ PA/PP 7500 GF 30

(PA6+PP)

Ter Plastics

Product Texts

PA/PP Blend standard type with medium viscosity with 30% glass fiber content

For all kind of injection molding parts with high mechanical requirements and low water absorption

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9000	MPa	ISO 527-1/-2
Tensile Strength	125	MPa	ISO 527-1/-2
Yield stress	141	MPa	ISO 527-1/-2
Yield strain	4	%	ISO 527-1/-2
Stress at break	119	MPa	ISO 527-1/-2
Strain at break	5	%	ISO 527-1/-2
Charpy impact strength (+23°C)	55	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)	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	4.5	%	Sim. to ISO 62
Humidity absorption	0.9	%	Sim. to ISO 62
Density	1280	kg/m ³	ISO 1183