


TEREZ PA 6 7510 GF 50

PA6

Ter Plastics

Product Texts

Medium viscosity Polyamide 6, 50% glassfiber reinforced, good flowability, good impact resistance and bright natural colour. For moulding parts with very high stiffness and good impact strength.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	14800	MPa	ISO 527-1/-2
Yield stress	210	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Stress at break	190	MPa	ISO 527-1/-2
Strain at break	3	%	ISO 527-1/-2
Charpy impact strength (+23°C)	75	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	16	kJ/m ²	ISO 179/1eA
Thermal properties			
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
Electrical properties			
ISO Data			
Comparative tracking index	600	-	IEC 60112
Other properties			
ISO Data			
Water absorption	5	%	Sim. to ISO 62
Humidity absorption	1.5	%	Sim. to ISO 62
Density	1550	kg/m ³	ISO 1183