


TEREZ PA 6 7510 GF 45

PA6

Ter Plastics

Product Texts

 PA 6 standard type with medium viscosity with 45% glass fiber filled
 For injection molding parts with high rigidity and well impact strength

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	13700	MPa	ISO 527-1/-2
Tensile Strength	195	MPa	ISO 527-1/-2
Yield stress	210	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Stress at break	220	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)	12	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	550	-	IEC 60112
Other properties			
ISO Data			
Water absorption	5	%	Sim. to ISO 62
Humidity absorption	1.5	%	Sim. to ISO 62
Density	1470	kg/m ³	ISO 1183