


TEREZ PA 6 7750 T GF 30

PA6

Ter Plastics

Product Texts

30% glassfiber reinforced, medium viscosity Polyamide 6, impact modified.
 For stiff moulding parts and high impact strength.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8200	MPa	ISO 527-1/-2
Tensile Strength	120	MPa	ISO 527-1/-2
Yield stress	140	MPa	ISO 527-1/-2
Strain at break	5	%	ISO 527-1/-2
Charpy impact strength (+23°C)	60	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	17	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	175	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	210	°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	6	%	Sim. to ISO 62
Humidity absorption	1.8	%	Sim. to ISO 62
Density	1310	kg/m ³	ISO 1183