


TEREZ PA 6 7530 GF 50

PA6

Ter Plastics

Product Texts

Medium viscosity industrial quality, 50 % glassfiber reinforced.
 For all kind of moulding parts with high rigidity.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	13500	MPa	ISO 527-1/-2
Tensile Strength	140	MPa	ISO 527-1/-2
Yield stress	145	MPa	ISO 527-1/-2
Yield strain	1	%	ISO 527-1/-2
Strain at break	2	%	ISO 527-1/-2
Charpy impact strength (+23°C)	60	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	11	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	215	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	225	°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	1.45	%	Sim. to ISO 62
Density	1560	kg/m ³	ISO 1183