


TEREZ PA 6 7510 GF 35

PA6

Ter Plastics

Product Texts

 Medium Polyamide 6, 35 % glass fibre reinforced.
 Moulding parts of good stiffness and impact strength.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	10500	MPa	ISO 527-1/-2
Tensile Strength	135	MPa	ISO 527-1/-2
Yield stress	180	MPa	ISO 527-1/-2
Strain at break	3	%	ISO 527-1/-2
Charpy impact strength (+23°C)	60	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	15	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	200	°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
Electrical properties			
ISO Data			
Volume resistivity	1E15	Ohm*m	IEC 60093
Surface resistivity	1E16	Ohm	IEC 60093
Comparative tracking index	550	-	IEC 60112
Other properties			
ISO Data			
Water absorption	7	%	Sim. to ISO 62
Density	1410	kg/m ³	ISO 1183