



TEREZ PA 6 7510 GF 10			
PA6			Ter Plastics
Product Texts			
PA6, medium viscosity, 10% glass fibre reinforced For all kind of injection moulded parts with high stiffness.			
Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	5000	MPa	ISO 527-1/-2
Tensile Strength	100	MPa	ISO 527-1/-2
Yield stress	105	MPa	ISO 527-1/-2
Strain at break	3	%	ISO 527-1/-2
Charpy impact strength (+23°C)	40	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	6	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data	Value	Unit	Test Standard
Temp. of deflection under load (1.80 MPa)	160	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	185	°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	Value	Unit	Test Standard
Volume resistivity	1E15	Ohm*m	IEC 60093
Surface resistivity	1E13	Ohm	IEC 60093
Comparative tracking index	550	-	IEC 60112
Other properties			
ISO Data	Value	Unit	Test Standard
Water absorption	8	%	Sim. to ISO 62
Humidity absorption	2.6	%	Sim. to ISO 62
Density	1200	kg/m ³	ISO 1183