



TEREZ PA 6.6 7500 GF 35 H			
PA66			Ter Plastics
Product Texts			
Medium viscosity Polyamide 6.6, 35% glass fibre reinforced and heat stabilised. For moulding parts of all kind, high stiffness, good heat resistance.			
Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	11200	MPa	ISO 527-1/-2
Tensile Strength	190	MPa	ISO 527-1/-2
Yield stress	195	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Stress at break	185	MPa	ISO 527-1/-2
Strain at break	2.2	%	ISO 527-1/-2
Charpy impact strength (+23°C)	70	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	12	kJ/m ²	ISO 179/1eA
Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	245	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	255	°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	Value	Unit	Test Standard
ISO Data			
Water absorption	5.6	%	Sim. to ISO 62
Humidity absorption	1.7	%	Sim. to ISO 62
Density	1410	kg/m ³	ISO 1183