



TEREZ PA 6.6 7500 GF 30

PA66

Ter Plastics

Product Texts

Medium-viscosity standard quality, 30 % glass fiber reinforced, good flowability, good toughness and bright natural colour. For all kind of moulding parts with high stiffness.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	10000	MPa	ISO 527-1/-2
Tensile Strength	170	MPa	ISO 527-1/-2
Yield stress	180	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Strain at break	4	%	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)	215	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	235	°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	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	600	-	IEC 60112

Other properties	Value	Unit	Test Standard
ISO Data			
Water absorption	6	%	Sim. to ISO 62
Humidity absorption	1.6	%	Sim. to ISO 62
Density	1370	kg/m ³	ISO 1183