


TEREZ PA 6.6 7500 GF 15 GK 15

PA66

Ter Plastics

Product Texts

 30 % glass fibre and glass beads reinforced Polyamide 6.6, medium viscosity.
 Stiff moulding parts, reduced warpage, balanced shrinkage characteristics.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	6500	MPa	ISO 527-1/-2
Tensile Strength	120	MPa	ISO 527-1/-2
Yield stress	125	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Strain at break	2.5	%	ISO 527-1/-2
Charpy impact strength (+23°C)	30	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	8	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	190	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	220	°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	5.5	%	Sim. to ISO 62
Humidity absorption	1.6	%	Sim. to ISO 62
Density	1270	kg/m ³	ISO 1183