


TEREZ PA 6.6 7400 GK 30

PA66

Ter Plastics

Product Texts

30 % glass beads reinforced Polyamide 6.6, medium viscosity.

Warpage-free, accurate dimensionally moulding parts, well balanced shrinkage characteristics.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4500	MPa	ISO 527-1/-2
Tensile Strength	85	MPa	ISO 527-1/-2
Yield stress	90	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Strain at break	5	%	ISO 527-1/-2
Charpy impact strength (+23°C)	30	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	4	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	195	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	225	°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	6	%	Sim. to ISO 62
Humidity absorption	1.5	%	Sim. to ISO 62
Density	1350	kg/m ³	ISO 1183