


TEREZ PA 6.6 7450 T GK 30

PA66

Ter Plastics

Product Texts

30 % glass beads reinforced Polyamide 6.6, impact modified.

Accurate dimensionally moulding parts, higher stiffness, well balanced shrinkage behaviour.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4000	MPa	ISO 527-1/-2
Tensile Strength	70	MPa	ISO 527-1/-2
Yield stress	75	MPa	ISO 527-1/-2
Yield strain	5	%	ISO 527-1/-2
Strain at break	10	%	ISO 527-1/-2
Charpy impact strength (+23°C)	55	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	10	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	185	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	205	°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	1.4	%	Sim. to ISO 62
Density	1310	kg/m ³	ISO 1183