


TEREZ PA 6 7400 GK30

PA6

Ter Plastics

Product Texts

30% glass beads reinforced Polyamide 6, good flowability and higher stiffness.

Long moulding parts, short cycletime and well balanced shrinkage, good demoulding characteristics.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4100	MPa	ISO 527-1/-2
Tensile Strength	75	MPa	ISO 527-1/-2
Yield stress	85	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Stress at break	70	MPa	ISO 527-1/-2
Strain at break	9	%	ISO 527-1/-2
Charpy impact strength (+23°C)	55	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)	70	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	175	°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			
ISO Data			
Volume resistivity	1E15	Ohm*m	IEC 60093
Surface resistivity	1E14	Ohm	IEC 60093
Comparative tracking index	500	-	IEC 60112
Other properties			
ISO Data			
Water absorption	6	%	Sim. to ISO 62
Humidity absorption	2	%	Sim. to ISO 62
Density	1330	kg/m ³	ISO 1183