


TEREZ PA 6 7400 GF 10 GK 20

PA6

Ter Plastics

Product Texts

Medium viscosity Polyamide 6, 10% glassfiber and 20% glassbeads reinforced.
 For all kind application with high stiffness and dimensional accuracy, as well as low tendency to warp.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	6100	MPa	ISO 527-1/-2
Yield stress	125	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Stress at break	110	MPa	ISO 527-1/-2
Strain at break	3	%	ISO 527-1/-2
Charpy impact strength (+23°C)	40	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	200	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	215	°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			
Comparative tracking index	400	-	IEC 60112
Other properties			
ISO Data			
Water absorption	6.3	%	Sim. to ISO 62
Humidity absorption	1.9	%	Sim. to ISO 62
Density	1330	kg/m ³	ISO 1183