


TEREZ PA 6.6 7530 GK 10 GF 20

PA66

Ter Plastics

Product Texts

Medium viscosity PA 6.6 with 20% glassfiber and 10% glassbead reinforced, good flowability and good impact resistance. For long melt flow path's, short moulding cycle and good demoldability.

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9000	MPa	ISO 527-1/-2
Tensile Strength	135	MPa	ISO 527-1/-2
Yield stress	140	MPa	ISO 527-1/-2
Strain at break	5	%	ISO 527-1/-2
Charpy impact strength (+23°C)	45	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	5	kJ/m ²	ISO 179/1eA

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	215	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	230	°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

	Value	Unit	Test Standard
ISO Data			
Water absorption	6.5	%	Sim. to ISO 62
Humidity absorption	2	%	Sim. to ISO 62
Density	1350	kg/m ³	ISO 1183