


TEREZ PA 6.6 7510 GF 25

PA66

Ter Plastics

Product Texts

 Standard quality PA 6.6, medium viscosity, 25% glassfiber reinforced.
 Moulding parts of high rigidity and good heat resistance.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8600	MPa	ISO 527-1/-2
Tensile Strength	145	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Stress at break	135	MPa	ISO 527-1/-2
Strain at break	4	%	ISO 527-1/-2
Charpy impact strength (+23°C)	50	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)	230	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	240	°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	1E13	Ohm*m	IEC 60093
Surface resistivity	1E17	Ohm	IEC 60093
Other properties			
ISO Data			
Water absorption	6.3	%	Sim. to ISO 62
Humidity absorption	2.1	%	Sim. to ISO 62
Density	1310	kg/m ³	ISO 1183