

TEREZ PA 6.6 7510 GF 50

PA66

Ter Plastics

Product Texts

PA66 with medium viscosity, 50% glassfiber reinforced and UV resistant
 For moulding parts with very high stiffness at good thermal stability.

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	15900 / 10000	MPa	ISO 527-1/-2
Stress at break	177 / 115	MPa	ISO 527-1/-2
Strain at break	1.5 / 3	%	ISO 527-1/-2
Charpy impact strength (+23°C)	68 / 78	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	62 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	10 / 16	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	8 / -	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
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	dry / cond	Unit	Test Standard
ISO Data			
Relative permittivity, 1MHz	150 / -	-	IEC 60250
Volume resistivity	1E13 / -	Ohm*m	IEC 60093
Surface resistivity	* / 1E13	Ohm	IEC 60093
Comparative tracking index	500 / -	-	IEC 60112

Other properties	dry / cond	Unit	Test Standard
ISO Data			
Water absorption	4 / *	%	Sim. to ISO 62
Humidity absorption	1.4 / *	%	Sim. to ISO 62
Density	1560 / -	kg/m ³	ISO 1183