



TEREZ PA 6 7510 GF 30 UV

PA6

Ter Plastics

Product Texts

PA 6 standard type with medium viscosity with 30% glass fiber filled and UV stabilizer
For injection molding parts with high rigidity and well impact strength

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9500	MPa	ISO 527-1/-2
Tensile Strength	180	MPa	ISO 527-1/-2
Yield stress	185	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Strain at break	2	%	ISO 527-1/-2
Charpy impact strength (+23°C)	80	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	15	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	195	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	210	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	200	°C	ISO 306
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	7	%	Sim. to ISO 62
Humidity absorption	2.1	%	Sim. to ISO 62
Density	1350	kg/m ³	ISO 1183