


TEREZ PA 6 7500 MF 30 UV LS/1

PA6

Ter Plastics

Product Texts

 PA6 standard type with medium viscosity with 30% mineral filler and UV stabilizer. Suitable for laser marking
 For all kind of injection molding parts

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	6800	MPa	ISO 527-1/-2
Tensile Strength	90	MPa	ISO 527-1/-2
Yield stress	92	MPa	ISO 527-1/-2
Yield strain	1.5	%	ISO 527-1/-2
Stress at break	85	MPa	ISO 527-1/-2
Strain at break	3	%	ISO 527-1/-2
Charpy impact strength (+23°C)	50	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	4	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	135	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	205	°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			
ISO Data			
Water absorption	6.6	%	Sim. to ISO 62
Humidity absorption	1.9	%	Sim. to ISO 62
Density	1360	kg/m ³	ISO 1183