


TEREZ PA 6 7500 TF 15

(PA6+PTFE)

Ter Plastics

Product Texts

Polyamid 6, 15 % PTFE chemically bonded.

For injection moulding parts with increased demand of abrasion and anti-friction properties.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3000	MPa	ISO 527-1/-2
Tensile Strength	68	MPa	ISO 527-1/-2
Yield stress	72	MPa	ISO 527-1/-2
Yield strain	5	%	ISO 527-1/-2
Stress at break	9	MPa	ISO 527-1/-2
Strain at break	32	%	ISO 527-1/-2
Charpy impact strength (+23°C)	80	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	7	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	75	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	165	°C	ISO 75-1/-2
Vicat softening temperature A	197	°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	8	%	Sim. to ISO 62
Humidity absorption	2.2	%	Sim. to ISO 62
Density	1210	kg/m ³	ISO 1183

Characteristics
Additives

Lubricants