


TEREZ PA 6.6 7500 TF 15

(PA66+PTFE)

Ter Plastics

Product Texts

Polyamid 66, 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	3400	MPa	ISO 527-1/-2
Tensile Strength	60	MPa	ISO 527-1/-2
Yield stress	60	MPa	ISO 527-1/-2
Yield strain	4	%	ISO 527-1/-2
Strain at break	6	%	ISO 527-1/-2
Charpy impact strength (+23°C)	85	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	4	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)	230	°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	Value	Unit	Test Standard
ISO Data			
Volume resistivity	1E15	Ohm*m	IEC 60093
Surface resistivity	1E17	Ohm	IEC 60093

Other properties	Value	Unit	Test Standard
ISO Data			
Water absorption	6	%	Sim. to ISO 62
Humidity absorption	1	%	Sim. to ISO 62
Density	1220	kg/m ³	ISO 1183

Characteristics
Additives

Lubricants