


TEREZ PA 6.6 7500 TF 20

(PA66+PTFE)

Ter Plastics

Product Texts

Polyamid 66, 20 % 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	3100	MPa	ISO 527-1/-2
Tensile Strength	70	MPa	ISO 527-1/-2
Yield stress	74	MPa	ISO 527-1/-2
Yield strain	5	%	ISO 527-1/-2
Stress at break	67	MPa	ISO 527-1/-2
Strain at break	20	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	90	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	235	°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			
ISO Data			
Relative permittivity, 1MHz	220	-	IEC 60250
Volume resistivity	1E15	Ohm*m	IEC 60093
Comparative tracking index	550	-	IEC 60112
Other properties			
ISO Data			
Water absorption	6.8	%	Sim. to ISO 62
Humidity absorption	1.8	%	Sim. to ISO 62
Density	1250	kg/m ³	ISO 1183

Characteristics
Additives

Lubricants