


TEREZ PA 6.6 7500 TF 20 N

(PA66+PTFE)

Ter Plastics

Product Texts

Polyamide 66, 20% PTFE chemically bonded, nanomodified.

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

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3800	MPa	ISO 527-1/-2
Tensile Strength	70	MPa	ISO 527-1/-2
Yield stress	70	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Stress at break	65	MPa	ISO 527-1/-2
Strain at break	15	%	ISO 527-1/-2
Charpy impact strength (+23°C)	70	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)	75	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	220	°C	ISO 75-1/-2
Vicat softening temperature A	210	°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			
ISO Data			
Water absorption	5	%	Sim. to ISO 62
Humidity absorption	0.9	%	Sim. to ISO 62
Density	1260	kg/m ³	ISO 1183