


TEREZ PA 6 7500 TF 20 GF 20

(PA6+PTFE)

Ter Plastics

Product Texts

Medium viscosity PA6, 20% PTFE chemically bonded and 20% glassfiber reinforced, good flowability, good impact resistance and bright natural colour.

For moulding parts with increased stiffness and slide loading.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	6800	MPa	ISO 527-1/-2
Tensile Strength	140	MPa	ISO 527-1/-2
Yield stress	145	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Stress at break	138	MPa	ISO 527-1/-2
Strain at break	3	%	ISO 527-1/-2
Charpy impact strength (+23°C)	80	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	12	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	200	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	215	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	215	°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	5.7	%	Sim. to ISO 62
Humidity absorption	1.5	%	Sim. to ISO 62
Density	1420	kg/m ³	ISO 1183

Characteristics
Additives

Lubricants