


TEREZ PA 6 7751 T GF 15 GL

PA6

Ter Plastics

Product Texts

Medium viscosity, dry impact resistant PA6, 15 % glassfiber reinforced and improved surface gloss.
 For moulding parts with good stiffness and high dimensional stability.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	5400	MPa	ISO 527-1/-2
Tensile Strength	90	MPa	ISO 527-1/-2
Yield stress	91	MPa	ISO 527-1/-2
Stress at break	90	MPa	ISO 527-1/-2
Strain at break	4	%	ISO 527-1/-2
Charpy impact strength (+23°C)	50	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	13	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	190	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	200	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	196	°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
Electrical properties			
ISO Data			
Comparative tracking index	600	-	IEC 60112
Other properties			
ISO Data			
Water absorption	7	%	Sim. to ISO 62
Humidity absorption	2	%	Sim. to ISO 62
Density	1200	kg/m ³	ISO 1183