


TEREZ PA 6.6 7500 GF 30 FL HF /2

PA66

Ter Plastics

Product Texts

PA 6.6 medium viscosity, 30 % glass fibre reinforced, halogen-free flame retardants and good flowability.
 For flame retarded moulding parts with high rigidity.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	10000	MPa	ISO 527-1/-2
Tensile Strength	145	MPa	ISO 527-1/-2
Yield stress	150	MPa	ISO 527-1/-2
Strain at break	3	%	ISO 527-1/-2
Charpy impact strength (+23°C)	60	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	10	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	210	°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.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
Electrical properties			
ISO Data			
Comparative tracking index	500	-	IEC 60112
Other properties			
ISO Data			
Water absorption	4.5	%	Sim. to ISO 62
Humidity absorption	1.2	%	Sim. to ISO 62
Density	1470	kg/m ³	ISO 1183

Characteristics
Special Characteristics

Flame retardant