


TEREZ PA 6 7500 GF 30 FL HF /2

PA6

Ter Plastics

Product Texts

PA6 medium viscosity, 30 % glassfiber reinforced, halogen-free flame retardants, good flowability, good impact strength and light natural color.

For flame retarded moulding parts with high rigidity.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9500	MPa	ISO 527-1/-2
Tensile Strength	140	MPa	ISO 527-1/-2
Yield stress	150	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Strain at break	3	%	ISO 527-1/-2
Charpy impact strength (+23°C)	40	kJ/m²	ISO 179/1eU
Charpy notched impact strength (+23°C)	13	kJ/m²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	200	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	225	°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	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	500	-	IEC 60112

Other properties	Value	Unit	Test Standard
ISO Data			
Water absorption	6.3	%	Sim. to ISO 62
Humidity absorption	1.9	%	Sim. to ISO 62
Density	1450	kg/m³	ISO 1183

Characteristics
Special Characteristics

Flame retardant