


TEREZ PA 6 7600 FL HF

PA6

Ter Plastics

Product Texts

None halogenous flame retardent Polyamide 6 of good flowability.
 For flame retardent long moulding parts.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3600	MPa	ISO 527-1/-2
Tensile Strength	80	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Strain at break	4	%	ISO 527-1/-2
Charpy impact strength (+23°C)	65	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	80	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	190	°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			
Volume resistivity	1E13	Ohm*m	IEC 60093
Surface resistivity	1E15	Ohm	IEC 60093
Comparative tracking index	600	-	IEC 60112

Other properties	Value	Unit	Test Standard
ISO Data			
Water absorption	8	%	Sim. to ISO 62
Humidity absorption	2.5	%	Sim. to ISO 62
Density	1180	kg/m ³	ISO 1183

Characteristics
Special Characteristics

Flame retardant