

TEREZ PA 6.6 7600 FL HF

PA66

Ter Plastics

Product Texts

PA66 medium viscosity, flame retardant with good flowability and impact strength.
 self-extinguishing moulding parts with deep flow, short moulding cycles and good demoldability.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3600	MPa	ISO 527-1/-2
Tensile Strength	85	MPa	ISO 527-1/-2
Yield stress	100	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Strain at break	5	%	ISO 527-1/-2
Charpy impact strength (+23°C)	60	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	4	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	85	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	215	°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	550	-	IEC 60112

Other properties	Value	Unit	Test Standard
ISO Data			
Water absorption	7	%	Sim. to ISO 62
Humidity absorption	2.2	%	Sim. to ISO 62
Density	1180	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Flame retardant