



TEREZ PA 6.6 HT 7110 GF 41 FL-HF/2

PA66

Ter Plastics

Product Texts

PA66 copolymer with partially aromatic content, 41 % glassfiber reinforced and flame retardants. Stiff moulding parts with high stiffness by outstanding thermal stability, reduced warpage.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	15500	MPa	ISO 527-1/-2
Tensile Strength	210	MPa	ISO 527-1/-2
Yield stress	210	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Stress at break	185	MPa	ISO 527-1/-2
Strain at break	2.5	%	ISO 527-1/-2
Charpy impact strength (+23°C)	56	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	8	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	230	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	245	°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

Other properties	Value	Unit	Test Standard
ISO Data			
Humidity absorption	0.6	%	Sim. to ISO 62
Density	1560	kg/m ³	ISO 1183

Characteristics

Special Characteristics

Flame retardant