


TEREZ PA 6.6 7500 GF 35 HY

PA66

Ter Plastics

Product Texts

Medium viscosity, 35 % glassfiber reinforced Polyamide 6.6, good flowability, good impact strength, bright natural colour, hydrolysis resistant.

For moulding parts with high rigidity at good heat resistant.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	11500	MPa	ISO 527-1/-2
Tensile Strength	200	MPa	ISO 527-1/-2
Yield stress	210	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)	75	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)	240	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	255	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
Other properties			
ISO Data			
Water absorption	5.5	%	Sim. to ISO 62
Humidity absorption	1.5	%	Sim. to ISO 62
Density	1410	kg/m ³	ISO 1183