



TEREZ PA 6.6 7610 H

PA66

Ter Plastics

Product Texts

Medium viscosity Polyamide 6.6 with good flowability, good toughness and heat stabilisation.
For long flow paths, short cycle time with good release properties.

Mechanical properties	Value	Unit	Test Standard
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ISO Data

Tensile Modulus	3400	MPa	ISO 527-1/-2
Yield stress	80	MPa	ISO 527-1/-2
Yield strain	3.2	%	ISO 527-1/-2
Strain at break	24	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	6	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
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ISO Data

Temp. of deflection under load (1.80 MPa)	75	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	205	°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	Value	Unit	Test Standard
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ISO Data

Water absorption	8.4	%	Sim. to ISO 62
Humidity absorption	2.2	%	Sim. to ISO 62
Density	1130	kg/m ³	ISO 1183