

TEREZ PA 6 7600 H

PA6

Ter Plastics

Product Texts

Heat stabilized grade with good flowability, medium impact resistant and bright natural colour.
 For moulding parts with long flow distances and short cycle time.

Mechanical properties	Value	Unit	Test Standard
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ISO Data

Tensile Modulus	3100	MPa	ISO 527-1/-2
Tensile Strength	80	MPa	ISO 527-1/-2
Yield strain	4	%	ISO 527-1/-2
Strain at break	20	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	7	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)	65	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	170	°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

Electrical properties	Value	Unit	Test Standard
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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
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ISO Data

Water absorption	10	%	Sim. to ISO 62
Humidity absorption	3	%	Sim. to ISO 62
Density	1130	kg/m ³	ISO 1183