



TEREZ PA 6.10 7100 ECO

PA610

Ter Plastics

Product Texts

Polyamide 6.10 with medium viscosity, partly from bio-renewable resources.
For injection moulding and extrusion applications.

Mechanical properties	Value	Unit	Test Standard
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ISO Data

Tensile Modulus	2200	MPa	ISO 527-1/-2
Yield stress	62	MPa	ISO 527-1/-2
Yield strain	4.8	%	ISO 527-1/-2
Strain at break	50	%	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)	60	°C	ISO 75-1-2
Vicat softening temperature, 50°C/h 50N	195	°C	ISO 306

Other properties	Value	Unit	Test Standard
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ISO Data

Water absorption	3.2	%	Sim. to ISO 62
Humidity absorption	1.4	%	Sim. to ISO 62
Density	1080	kg/m ³	ISO 1183

Characteristics

Ecological valuation

Contains renewable resources