



TEREZ PBT/PET Blend 7100 GF 30

(PBT+PET)

Ter Plastics

Product Texts

PBT/PET Blend with 30 % glass fibre reinforcement.

Suitable for injection moulding applications.

Mechanical properties	Value	Unit	Test Standard
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ISO Data

Tensile Modulus	9800	MPa	ISO 527-1/-2
Stress at break	120	MPa	ISO 527-1/-2
Strain at break	2.2	%	ISO 527-1/-2
Charpy impact strength (+23°C)	42	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
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ISO Data

Temp. of deflection under load (1.80 MPa)	200	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	220	°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

Comparative tracking index	250	-	IEC 60112
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Other properties	Value	Unit	Test Standard
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ISO Data

Water absorption	0.31	%	Sim. to ISO 62
Humidity absorption	0.17	%	Sim. to ISO 62
Density	1540	kg/m ³	ISO 1183