


TEREZ PBT 7110

PBT

Ter Plastics

Product Texts

Unfilled PBT, medium-viscosity and good flowability.
 Good for moulding with high flow path and short cycle times.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3000	MPa	ISO 527-1/-2
Tensile Strength	58	MPa	ISO 527-1/-2
Yield stress	55	MPa	ISO 527-1/-2
Yield strain	4	%	ISO 527-1/-2
Strain at break	7	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	5.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	50	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	160	°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			
ISO Data			
Comparative tracking index	550	-	IEC 60112
Other properties			
ISO Data			
Water absorption	0.45	%	Sim. to ISO 62
Humidity absorption	0.18	%	Sim. to ISO 62
Density	1290	kg/m ³	ISO 1183