



TEREZ PBT 6750 T			
PBT			Ter Plastics
Product Texts			
Impact modified PBT. For impact stressed, injection moulding parts.			
Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2100	MPa	ISO 527-1/-2
Tensile Strength	60	MPa	ISO 527-1/-2
Yield stress	42	MPa	ISO 527-1/-2
Yield strain	5	%	ISO 527-1/-2
Strain at break	15	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	15	kJ/m ²	ISO 179/1eA
Thermal properties			
Value	Unit	Test Standard	
ISO Data			
Temp. of deflection under load (1.80 MPa)	55	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	165	°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	
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 60093
Surface resistivity	1E15	Ohm	IEC 60093
Comparative tracking index	450	-	IEC 60112
Other properties			
Value	Unit	Test Standard	
ISO Data			
Water absorption	0.35	%	Sim. to ISO 62
Humidity absorption	0.14	%	Sim. to ISO 62
Density	1260	kg/m ³	ISO 1183