

**TEREZ PET 3100**

PET

Ter Plastics

Product Texts

Standard type with medium viscosity Copolymer PET

For all kind of injection molded parts

Mechanical properties**ISO Data**

	Value	Unit	Test Standard
Tensile Modulus	2400	MPa	ISO 527-1/-2
Yield stress	57	MPa	ISO 527-1/-2
Yield strain	4	%	ISO 527-1/-2
Stress at break	24	MPa	ISO 527-1/-2
Strain at break	130	%	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**ISO Data**

	Value	Unit	Test Standard
Temp. of deflection under load (1.80 MPa)	61	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	66	°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	200	-	IEC 60112
----------------------------	-----	---	-----------

Other properties**ISO Data**

	Value	Unit	Test Standard
Water absorption	0.8	%	Sim. to ISO 62
Humidity absorption	0.3	%	Sim. to ISO 62
Density	1320	kg/m ³	ISO 1183