



TEREZ PBT 6750/2 T GK 20

PBT

Ter Plastics

Product Texts

PBT standard type with medium viscosity with 20% glass beads filled impact modified
For all kind of injection molding parts with increased dimensional stability and tendency to warp

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2700	MPa	ISO 527-1/-2
Tensile Strength	43	MPa	ISO 527-1/-2
Yield strain	2.3	%	ISO 527-1/-2
Strain at break	12	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	8	kJ/m ²	ISO 179/1eA

Thermal properties

ISO Data	Value	Unit	Test Standard
Temp. of deflection under load (1.80 MPa)	65	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	155	°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

Other properties

ISO Data	Value	Unit	Test Standard
Water absorption	0.4	%	Sim. to ISO 62
Humidity absorption	0.2	%	Sim. to ISO 62
Density	1380	kg/m ³	ISO 1183