

Product Texts

PBT-GF20, Polybutylene terephthalate , 20% glass fibre reinforced

Flammability @3.2mm nom. HB -
 thickn.
 Flammability @1.6mm nom. HB -
 thickn.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	7700	MPa	ISO 527
[C] Charpy impact strength, +23°C	42	kJ/m ²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	6.5	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	206	°C	ISO 75-1/-2
[C] Burning Behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Humidity absorption	0.35	%	Sim. to ISO 62
[C] Density	1450	kg/m ³	ISO 1183

[C]: CAMPUS