

PBT Filament

Items	Standard	Unit	Result
Density	ISO 1183	g/cm ³	1.28
Tensile Strength	ISO 527(5mm/min)	MPa	37
Elongation at Break	ISO 527(5mm/min)	%	100-150
Bending Strength	ISO 178:2001	MPa	33
Flexural Modulus	ISO 178:2001	MPa	900-1000
Notched Impact Strength	ISO 180	KJ/m ²	15~20
Vicat Softening Temperature	ISO 306	°C	154
Print temperature		°C	230~250
Heated bed required			No heat or heat to 60 °C ,and Turn off the cooling fan
Printing Speed			30~60mm/s

Filament Diameter Tolerance mm ±0.02
(Tolerance may vary depending on printing temperature and size of printed object)