

Testing Result Of Flexible PLA

Items	Standard	Unit	Result
Density	ISO 1183	g/cm ³	1.16
Tensile Strength	ISO 527(5mm/min)	MPa	22.4
Elongation at Break	ISO 527(5mm/min)	%	144
Bending Strength	ISO 178:2001	MPa	32
Flexural Modulus	ISO 178:2001	MPa	1154
Notched Impact Strength	ISO 180	KJ/m ²	NB
Innotched Impact Strength	ISO 180	KJ/m ²	NB
Melt Flow Rate	GB/T3682.2	G/10Min	1.5
Heat Distortion Temperature	ISO 75	C	53
Hardness	Shore D		54.6
Print temperature		C	195-230
Heated bed required			No heat or heat to 60C
Printing Speed		mm/s	40-70mm/s