

Data Sheet

Material:	PLA	ABS	PETG	TPU	Silk PLA	HIPS	ASA
Print temperature:	190–220℃	230–250℃	220–240℃	190–230℃	200–220℃	230–250℃	230–250℃
Density:	1.25g±0.05g/cm3	1.04±0.05g/cm3	1.23±0.05g/cm3	1.15±0.05g/cm3	1.25±0.05g/cm3	1.05±0.05g/cm3	1.07±0.05g/cm3
Melt flow index:	5 (190℃/2.16kg)	12 (220℃/10kg)	17 (240℃/2.16kg)	1.2 (190℃/2.16kg)	5 (190℃/2.16kg)	3 (200℃/10kg)	12 (220℃/10kg)
Printing speed:	40-100(mm/s)	40–100 (mm/s)	40–100 (mm/s)	40–100 (mm/s)	40-100(mm/s)	40–100 (mm/s)	40–100 (mm/s)
Tensile strength:	≥60Mpa	43Mpa	58Mpa	35Mpa	≥52Mpa	27Mpa	47Mpa
Flexural modulus:	1913Mpa	1177Mpa	1073Mpa	–	1450Mpa	2280Mpa	2100Mpa
Elongation at break:	≥10%	≥22%	≥83%	≥470%	≥12%	≥55%	≥20%
Diameter:	φ1.75mm φ3mm	φ1.75mm φ3mm	φ1.75mm φ3mm	φ1.75mm φ3mm	φ1.75mm φ3mm	φ1.75mm φ3mm	φ1.75mm φ3mm
Bubble:	100% (no bubble)	100% (no bubble)	100% (no bubble)	100% (no bubble)	100% (no bubble)	100% (no bubble)	100% (no bubble)
Net weight:	1kg 330m	1kg 400m	1kg 330m	1kg 330m	1kg 330m	1kg 400m	1kg 380m
Bed temperature:	0–60℃	90–110℃	80–100℃	0–60℃	0–60℃	90–110℃	90–110℃

Roll Size

