

#	Name		Print Metrics				Filament		Comments	Max Tensile Fo Elongation or Strain, mm				Max Tensile Fo Elongation or Strain - Horizontal		Max Tensile Fo Elongation or Strain Vertical, mm per 10 cm	
	Last	First	Horizontal	Vertical	Thickness	Temperature (C)	Print Speed (mm/min)	Flow %		Manufacture	Color	Any changes from amf					
1	Butler	Robby	Horizontal	0.3	200	50	100	Makerbot	White			207	237	207	237		
2	Butler	Robby	Horizontal	0.3	210	50	100	Makerbot	White	Temp - horiz	207	227	245	227	115		
3	Butler	Robby	Horizontal	0.3	220	50	100	Makerbot	White	good horizontal print	245	133	245	133			
4	Butler	Robby	Vertical	0.3	200	50	100	Makerbot	Warm Grey	Ran out of white filament so switched to similar color from same manu.	97	0.76708	97	0.76708	40	0.29956	
5	Butler	Robby	Vertical	0.3	210	50	100	Makerbot	Warm Grey	Ran out of white filament so switched to similar color from same manu.	40	0.29956	40	0.29956	84	0.51922	
6	Butler	Robby	Vertical	0.3	220	50	100	Makerbot	White	All vertical prints look very poor	84	0.51922	84	0.51922	153	1.13245	
7	Shaw	Luke	Vertical	0.2	220	88	100	Crystal Series PLA Translucent	Blue	Vert - Printed w Raft	153	1.13245	153	1.13245	108	1.08232	
8	Shaw	Luke	Horizontal	0.2	230	56	100	Crystal Series PLA Translucent	Blue	Horiz - Printed w Raft	168	1.08232	168	1.08232	154	1.25055	
9	Shaw	Luke	Vertical	0.2	230	56	100	Crystal Series PLA Translucent	Blue	Vert - Printed w Raft	154	1.25055	154	1.25055	184	2.46613	
10	Shaw	Luke	Horizontal	0.3	220	100/90	100	SainSmart PLA	White	Temp Vert	184	2.46613	184	2.46613	98	2.98105	
11	Shaw	Luke	Vertical	0.3	220	100/90	100	SainSmart PLA	White	Vert	98	2.98105	98	2.98105	193	2.42501	
12	Shaw	Luke	Horizontal	0.4	220	80	100	SainSmart PLA	White	Horiz	193	2.42501	193	2.42501	115	2.20091	
13	Schabes	Haley	Vertical	0.3	210	50	100	3D Solutech PLA	Gold		115	2.20091	115	2.20091	140	1.25095	
14	Schabes	Haley	Vertical	0.3	210	50	100	Makerbot	White		140	1.25095	140	1.25095	114	1.28969	
15	Schabes	Haley	Vertical	0.3	210	50	100	Makerbot	Translucent Green		114	1.28969	114	1.28969	230	3.76938	
16	Schabes	Haley	Horizontal	0.1	210	100	100	3D Solutech PLA	Gold		230	3.76938	230	3.76938	212	3.96684	
17	Schabes	Haley	Horizontal	0.2	210	100	100	3D Solutech PLA	Gold		212	3.96684	212	3.96684	195	2.89115	
18	Schabes	Haley	Horizontal	0.3	210	100	100	3D Solutech PLA	Gold		195	2.89115	195	2.89115	88	4.08	
19	Bumba	Emily	Vertical	0.3	210	50	100	Makerbot	White	Put the fan to 100% after building the base	88	4.08	88	4.08	50	1.72	
20	Bumba	Emily	Vertical	0.3	210	100	100	Makerbot	White	Put the fan to 100% after building the base	50	1.72	50	1.72	90	1.21	
21	Bumba	Emily	Vertical	0.3	210	150	100	Makerbot	White	Put the fan to 100% after building the base	90	1.21	90	1.21	191	2.01	
22	Bumba	Emily	Horizontal	0.3	210	150	100	Makerbot	White		191	2.01	191	2.01	201	2.45	
23	Bumba	Emily	Horizontal	0.3	210	150	100	3D Solutech	Blue		201	2.45	201	2.45	193	2.87	
24	Bumba	Emily	Horizontal	0.3	210	150	100	3D Solutech	Glow in the dark		193	2.87	193	2.87	80	2.25	
25	Heckel	Kenit	Vertical	0.3	200	50	100	3D Solutech	Black		114	1.34	114	1.34	90	2.45	
26	Heckel	Kenit	Vertical	0.3	210	50	100	3D Solutech	Black		124	1.84	124	1.84	100	2.06	
27	Heckel	Kenit	Vertical	0.3	220	50	100	3D Solutech	Black		91	2.96	91	2.96	192	3.71	
28	Heckel	Kenit	Horizontal	0.3	210	100	100	3D Solutech	Black		192	3.71	192	3.71	215	3.87	
29	Heckel	Kenit	Horizontal	0.2	210	100	100	3D Solutech	Black		215	3.87	215	3.87	150	1.50	
30	Heckel	Kenit	Horizontal	0.1	210	100	100	3D Solutech	Black		216	3.24	216	3.24	200	2.05	
31	Andersen	Meg	Horizontal	0.3	210	100	100	Makerbot	White		185	2.519	185	2.519	211	2.143	
32	Andersen	Meg	Horizontal	0.3	210	100	100	Makerbot	Translucent Darker Green		211	2.143	211	2.143	212	2.37	
33	Andersen	Meg	Horizontal	0.3	210	100	100	Makerbot	Bright Green		212	2.37	212	2.37	114	1.092	
34	Andersen	Meg	Vertical	0.3	190	50	100	Makerbot	Bright Green		114	1.092	114	1.092	71	1.091	
35	Andersen	Meg	Vertical	0.3	200	80	100	Makerbot	Bright Green		71	1.091	71	1.091	76	1.658	
36	Andersen	Meg	Vertical	0.3	210	50	100	Makerbot	Bright Green		76	1.658	76	1.658	100	1.12	
37	Brumm	Cedar	Vertical	0.2	200	50	100	Makerbot	White		100	1.12	100	1.12	134	2.07	
38	Brumm	Cedar	Vertical	0.2	210	50	100	Makerbot	White		134	2.07	134	2.07	45	0.3	
39	Brumm	Cedar	Vertical	0.2	220	50	100	Makerbot	White		45	0.3	45	0.3	208	2.19	
40	Brumm	Cedar	Horizontal	0.2	210	100	100	Makerbot	White		208	2.19	208	2.19	150	2.41	
41	Brumm	Cedar	Horizontal	0.2	210	100	100	Makerbot	White		150	2.41	150	2.41	205	3.2	
42	Brumm	Cedar	Horizontal	0.2	210	200	100	Makerbot	White		205	3.2	205	3.2	105	1.29	
43	Gil	Pierson	Vertical	0.3	200	100	100	Makerbot	White	n/a	105	1.29	105	1.29	123	1.08	
44	Gil	Pierson	Vertical	0.3	210	100	100	Makerbot	White	n/a	123	1.08	123	1.08	110	1.11	
45	Gil	Pierson	Vertical	0.3	220	100	100	Makerbot	White	n/a	110	1.11	110	1.11	230	3.81	
46	Gil	Pierson	Horizontal	0.3	200	100	100	Makerbot	White	n/a	230	3.81	230	3.81	230	4.21	
47	Gil	Pierson	Horizontal	0.3	210	100	100	Makerbot	White	n/a	230	4.21	230	4.21	226	2.47	
48	Gil	Pierson	Horizontal	0.3	220	100	100	Makerbot	White	n/a	226	2.47	226	2.47	321	3.69	
49	Kudavev	Kenit	Horizontal	0.3	210	60	100	Makerbot	White	increased speed	321	3.69	321	3.69	252	1.92	
50	Kudavev	Kenit	Horizontal	0.3	210	48	100	Makerbot	White	regular speed	252	1.92	252	1.92	253	1.4	
51	Kudavev	Kenit	Horizontal	0.3	210	38	100	Makerbot	White	slowed speed	253	1.4	253	1.4	186	1.25	
52	Kudavev	Kenit	Vertical	0.3	210	60	100	Makerbot	White	increased speed - Was so fragile that broke at the very beginning at the test. No data collected.					178	1.78	
53	Kudavev	Kenit	Vertical	0.3	210	48	100	Makerbot	White	regular speed	186	1.25	186	1.25	221	2.07	
54	Kudavev	Kenit	Vertical	0.3	210	38	100	Makerbot	White	slowed speed	178	1.78	178	1.78	79	0.0665	
55	Mathisen	Bjorn	Horizontal	0.3	210	100	100	Supplied	white	base	221	2.07	221	2.07	225	1.88	
56	Mathisen	Bjorn	Horizontal	0.3	200	120	120	Supplied	white	fast test, high temp, fast flowrate	79	0.0665	79	0.0665	100	3.15	
57	Mathisen	Bjorn	Horizontal	0.3	220	80	80	Supplied	white	slow test, low temp, slow flowrate	225	1.88	225	1.88	179	2.75	
58	Mathisen	Bjorn	Vertical	0.3	210	100	100	Supplied	white	base	150	3.15	150	3.15	189	2.11	
59	Mathisen	Bjorn	Vertical	0.3	200	120	120	Supplied	white	fast test, lowtemp, fast flowrate	179	2.75	179	2.75	63	0.45085	
60	Mathisen	Bjorn	Vertical	0.3	220	80	80	Supplied	white	slow test, high temp, slow flowrate	189	2.11	189	2.11	28	0.2724	
61	Musts	Toms	Vertical	0.3	210	45	90	Makerbot	Black	regular speed	63	0.45085	63	0.45085	81	0.58166	
62	Musts	Toms	Vertical	0.3	210	54	90	Makerbot	Black	increased speed	28	0.2724	28	0.2724	202	239	347
63	Musts	Toms	Vertical	0.3	210	20.25	90	Makerbot	Black	slowed speed	81	0.58166	81	0.58166	164	2.24	
64	Musts	Toms	Horizontal	0.3	210	45	90	Makerbot	Black	regular speed	210	1.91	210	1.91	195	212	230
65	Musts	Toms	Horizontal	0.3	210	54	90	Makerbot	Black	increased speed	164	2.24	164	2.24	157	1.02	
66	Musts	Toms	Horizontal	0.3	210	20.25	90	Makerbot	Black	slowed speed	157	1.02	157	1.02	156	1.75	
67	Andersen	Forest	Vertical	0.1	210	30	100	Supplied	white	slowest speed	156	1.75	156	1.75	120	1.69	
68	Andersen	Forest	Vertical	0.1	210	60	100	Supplied	White	regular speed	160	2.61	160	2.61	239	3.02	
69	Andersen	Forest	Vertical	0.1	210	90	100	Supplied	White	Faster speed	120	1.69	120	1.69	235	4.59	
70	Andersen	Forest	Horizontal	0.1	210	30	100	Supplied	White	slowest speed	239	3.02	239	3.02	245	3.44	
71	Andersen	Forest	Horizontal	0.1	210	60	100	Supplied	White	regular speed	235	4.59	235	4.59	105	2.28	
72	Andersen	Forest	Horizontal	0.1	210	90	100	Supplied	White	Faster speed	245	3.44	245	3.44	79	0.79	
73	paterson	kai	vertical	coarse	220	50	100	makerbot	white		105	2.28	105	2.28	89	0.93	
74	paterson	kai	vertical	medium	220	50	100	makerbot	white	Vertical-resol	146	1.28	146	1.28	202	3.69	
75	paterson	kai	vertical	fine	220	50	100	makerbot	white	coarse	89	0.93	89	0.93	204	3.49	
76	paterson	kai	horizontal	coarse	220	50	100	makerbot									

