Table S1: 100% FA, 0% CS Compressive Strength.

Samples	***Max Load (lbs.)***	***Max Stress (psi)***
1	4280	1070.6
2	5670	1417.9
3	5230	1307.3
4	6540	1635.6
5	4530	1132.5
6	5910	1478.1
7	4960	1239.7
8	6710	1677.7
9	5820	1455.0
Avg.	5517	1379.4

Table S2: 95% FA, 5% CS (710 μm) Compressive Strength.

Samples	***Max Load (lbs.)***	***Max Stress (psi)***
1	4130	1032.7

2	4200	1049.2
3	4280	1070.6
4	4430	1108.6
5	4330	1082.2
6	4610	1153.1
7	4780	1196.0
8	5370	1342.0
9	5320	1329.6
Avg.	4606	1151.6

Table S3: 90% FA, 10% CS (710 μm) Compressive Strength.

Samples	***Max Load (lbs.)***	***Max Stress (psi)***
1	3790	947.7
2	3460	865.6
3	3310	827.5
4	2830	707.2
5	2830	708.1
6	3080	770.6
7	4000	998.9
8	4370	1092.9
9	1790	446.6
Avg.	3273	818.3

Table S4: 95% FA, 5% CS (180 μm) Compressive Strength.

Samples	***Max Load (lbs.)***	***Max Stress (psi)***
1	2860	715.4
2	2850	712.9
3	3430	857.5
4	2460	614.7
5	2000	501.0
6	1720	431.2
7	2130	532.7
8	4210	1053.3
9	2880	720.2
Avg.	2727	682.1

Table S5: 90% FA, 10% CS (180 μm) Compressive Strength.

Samples	***Max Load (lbs.)***	***Max Stress (psi*)**
1	2740	685.3
2	2910	728.4
3	3240	810.4
4	1930	481.5
5	1610	402.7
6	1920	480.7
7	2930	733.2
8	3170	793.3
9	3020	754.3
Avg.	2608	652.2

Table S6: 100% FA, 0% CS Porosity % measured at 24 h, 48 h, and 72 h.

Samples	Porosity 24 h	Porosity 48 h	Porosity 72 h
1	44.30	44.67	44.81
2	42.35	42.64	43.00
3	35.73	36.09	36.21
4	39.08	39.20	39.39
5	40.38	40.77	41.23
6	37.87	38.13	38.36
7	40.98	41.29	41.34
8	44.57	44.89	44.92
9	28.11	39.37	39.51
Avg.	39.26	40.78	40.98

Table S7: 95% FA, 5% CS (710 μm) Porosity % measured at 24 h, 48 h, and 72 h.

Samples	Porosity 24 h	Porosity 48 h	Porosity 72 h
1	43.58	43.77	43.89
2	44.71	44.79	44.98
3	49.14	49.27	48.83
4	46.50	46.83	46.85
5	50.46	50.62	50.71
6	44.91	45.04	45.08
7	45.63	46.23	46.36
8	43.02	43.60	43.79
9	42.88	43.19	43.22
Avg.	45.65	45.93	45.97

Table S8: 90% FA, 10% CS (710 µm) Porosity % measured at 24 h, 48 h, and 72 h.

Samples	Porosity 24 h	Porosity 48 h	Porosity 72 h
1	47.53	48.04	48.11
2	46.97	47.43	47.53
3	44.37	44.73	44.80
4	44.38	44.56	44.62
5	47.76	47.94	48.07
6	47.60	47.83	47.85
7	44.89	45.36	45.37
8	46.60	47.11	47.24
9	43.17	43.56	43.59
Avg.	45.92	46.28	46.35

Table S9: 95% FA, 5% CS (180 μm) Porosity % measured at 24 h, 48 h, and 72 h.

Samples	Porosity 24 h	Porosity 48 h	Porosity 72 h
1	48.18	48.45	48.59
2	47.02	47.13	47.20
3	49.84	50.50	50.68
4	46.86	47.42	47.48
5	46.52	47.21	47.15
6	45.85	45.94	46.14
7	48.17	48.25	48.40
8	46.20	46.30	46.57
9	46.92	47.04	47.22
Avg.	47.28	47.58	47.71

Table S10: 90% FA, 10% CS (180 µm) Porosity % measured at 24 h, 48 h, and 72 h.

Samples	Porosity 24 h	Porosity 48 h	Porosity 72 h
1	49.60	49.92	50.30
2	46.62	46.73	47.15
3	44.91	45.27	45.70
4	49.61	49.80	49.95
5	50.80	51.07	51.23
6	47.88	48.06	48.32
7	47.49	47.90	47.98
8	62.81	63.37	63.64
9	52.27	52.61	52.89
Avg.	50.22	50.52	50.80