

Table S1. Qualitative analysis of the production of the fibres.

Samples	Produced	Qualitative surface analysis
Fu_30_10	Yes, but with difficulty	Roughened
Fu_30_20	Yes, but with difficulty	Roughened
Fu_30_30	Yes	Unblemished
Fh_30_10	Yes, but with difficulty	Roughened
Fh_30_20	Yes, but with difficulty	Roughened
Fh_30_30	Yes	Unblemished
PCF_30_10/40_130	Yes	Unblemished
PCF_30_10/40_140	Yes	Unblemished
PCF_30_10/40_150	Yes	Unblemished
PCF_30_10/60_130	Yes, but with difficulty	Roughened
PCF_30_10/60_140	Yes	Unblemished
PCF_30_10/60_150	Yes	Unblemished
PCF_30_10/80_130	Yes	Unblemished
PCF_30_10/80_140	Yes	Unblemished
PCF_30_10/80_150	Yes	Unblemished
PCF_30_20/40_130	Yes	Unblemished
PCF_30_20/40_140	Yes	Unblemished
PCF_30_20/40_150	Yes	Unblemished
PCF_30_20/60_130	Yes	Unblemished
PCF_30_20/60_140	Yes, but with difficulty	Roughened
PCF_30_20/60_150	Yes, but with difficulty	Roughened and clogged the needle
PCF_30_20/80_130	Yes, but with difficulty	Roughened
PCF_30_20/80_140	Yes, but with difficulty	Roughened
PCF_30_20/80_150	Yes, but with difficulty	Roughened
PCF_30_30/40_130	Yes	Unblemished
PCF_30_30/40_140	Yes	Unblemished
PCF_30_30/40_150	Yes	Unblemished
PCF_30_30/60_130	Yes	Unblemished
PCF_30_30/60_140	Yes	Unblemished
PCF_30_30/60_150	Yes	Unblemished
PCF_30_30/80_130	Yes	Unblemished
PCF_30_30/80_140	Yes	Unblemished
PCF_30_30/80_150	Yes	Unblemished
Fu_50_10	Yes	Unblemished
Fu_50_20	Yes, but with difficulty	Roughened
Fu_50_30	No	Very viscous solution, clogged the needle
Fh_50_10	Yes	Unblemished
Fh_50_20	Yes, but with difficulty	Roughened
Fh_50_30	No	Very viscous solution, clogged the needle
PCF_50_10/40_130	Yes	Unblemished
PCF_50_10/40_140	Yes	Unblemished
PCF_50_10/40_150	Yes, but with difficulty	Roughened
PCF_50_10/60_130	Yes	Unblemished
PCF_50_10/60_140	Yes	Unblemished
PCF_50_10/60_150	Yes, but with difficulty	Roughened

Samples	Produced	Qualitative surface analysis
PCF_50_10/80_130	Yes, but with difficulty	Roughened
PCF_50_10/80_140	Yes	Unblemished
PCF_50_10/80_150	Yes	Unblemished
PCF_50_20/40_130	Yes, but with difficulty	Roughened and clogged the needle
PCF_50_20/40_140	Yes, but with difficulty	Roughened and clogged the needle
PCF_50_20/40_150	Yes, but with difficulty	Roughened
PCF_50_20/60_130	Yes, but with difficulty	Roughened
PCF_50_20/60_140	Yes, but with difficulty	Roughened and clogged the needle
PCF_50_20/60_150	Yes, but with difficulty	Roughened
PCF_50_20/80_130	Yes, but with difficulty	Roughened
PCF_50_20/80_140	Yes, but with difficulty	Roughened
PCF_50_20/80_150	Yes, but with difficulty	Roughened
PCF_50_30/40_130	No	Very viscous solution, clogged the needle
PCF_50_30/40_140	No	Very viscous solution, clogged the needle
PCF_50_30/40_150	No	Very viscous solution, clogged the needle
PCF_50_30/60_130	No	Very viscous solution, clogged the needle
PCF_50_30/60_140	No	Very viscous solution, clogged the needle
PCF_50_30/60_150	No	Very viscous solution, clogged the needle
PCF_50_30/80_130	No	Very viscous solution, clogged the needle
PCF_50_30/80_140	No	Very viscous solution, clogged the needle
PCF_50_30/80_150	No	Very viscous solution, clogged the needle
Fut_8	Yes	Unblemished
Fht_8	Yes	Unblemished
PCFt_8/40_100	Yes	Unblemished
PCFt_8/80_120	Yes	Unblemished