

Electronic Supplementary Information

Table S1. Conductivity Values for Poly(aniline-co-*N*-ethylaniline) Nanofiber Films Used to Plot Figure 5c in the Main Text

ethylaniline composition in copolymer	Conductivity (S/cm)	log (conductivity)
95%	6.03×10^{-7}	-6.22
93%	9.08×10^{-7}	-6.01
91%	1.27×10^{-7}	-5.90
87%	2.34×10^{-7}	-5.63
86%	2.54×10^{-7}	-5.60
78%	4.13×10^{-7}	-5.38
73%	1.37×10^{-7}	-4.86
68%	5.88×10^{-7}	-4.23
56%	2.47×10^{-7}	-2.61
40%	1.27×10^{-7}	-0.90
0%	5.89×10^{-7}	-0.23