Supporting Information

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Robust PEDOT:PSS Wet-Spun Fibers for Thermoelectric Textiles

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Figure S1. Mechanical properties of PEDOT:PSS fibers. Stress-strain curves and relative electrical resistance, $R/R_0$, where $R_0 = R(\varepsilon = 0)$, recorded during tensile deformation of fibers wet-spun into (a) 35 and (b) 65% sulfuric acid.

![Figure S1](image1.png)

Figure S2. Degree of asymmetry in fibers (45 and 95% sulfuric acid) dedoped with PEI.

![Figure S2](image2.png)
Figure S3. EDX spectra taken at 5 points across the cross-section of a cryo-fractured PEDOT:PSS fiber spun into 95% sulfuric acid, and dedoped with PEI (concentration of 10 g/L); the measured location is denoted on the (inset) SEM image.

Figure S4. Mechanical properties of PEDOT:PSS fibers. Strain at break and Young’s modulus of fibers spun into (left) 45% and (right) 95% sulfuric acid, and dedoped with PEI.