

# Characterization of Solvent-Treated PEDOT:PSS Thin Films with Enhanced Conductivities

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**Table S1.** Conductivities of the untreated PEDOT:PSS thin film A (2.4% PSSAS), B (4.8% PSSAS) and C (6.2% PSSAS) with an thermal annealing under air atmosphere at 140 °C for 5 min.

Processes	Films	Conductivity for each	
		sample (S/cm)	Average conductivity (S/cm)
Thermal annealing (110 °C, 30 min)	Film A	0.18	0.19
		0.21	
+ without solvent treating	Film B	0.52	0.53
		0.54	
+ thermal annealing (140 °C, 5 min)	Film C	0.53	0.31
		0.34	
		0.31	
		0.29	