

Supporting Information

Cross-linked Conjugated Polymer Fibrils: Robust Nanowires from Functional Polythiophene Diblock Copolymers

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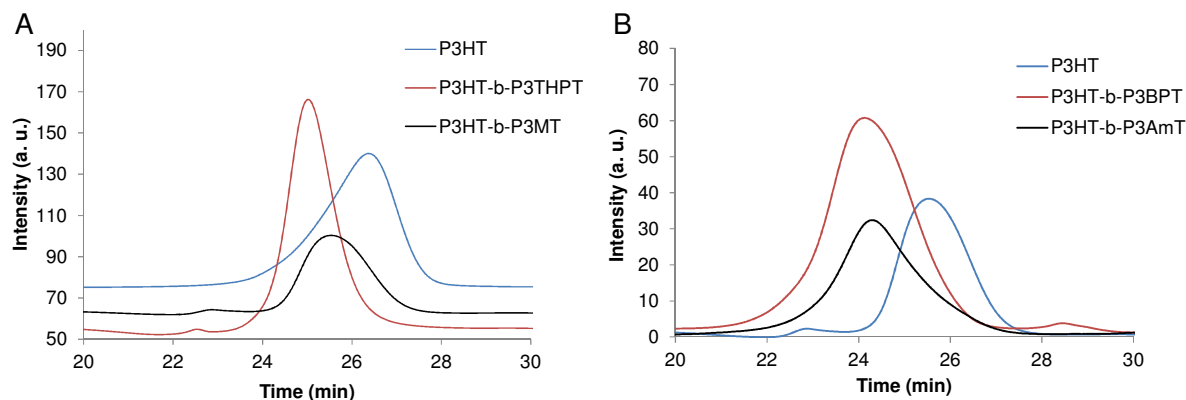


Figure S1: Gel permeation chromatographs of A) P3HT, P3HT-b-P3THPT, and P3HT-b-P3MT and B) P3HT, P3HT-b-P3BPT, and P3HT-b-P3AmT diblock copolymers with chloroform as the eluent against PS standards

Table S1: Molecular weights of P3THPT (6) and P3BPT (7) homopolymers

Entry	Polymer #	$M_n(\text{Theor.})$ (g/mol) ^a	$M_n(\text{Exper.})$ (g/mol) ^b	PDI ^b
1	6	10,000	8,650	1.40
2	7	12,000	7,900	1.50

^a From monomer to catalyst ratio. ^b Estimated by GPC against PS standards.

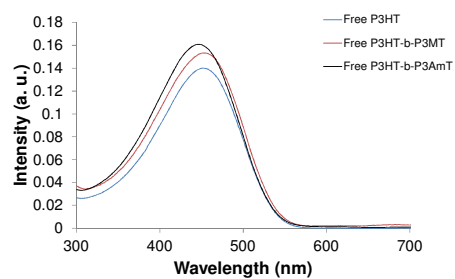


Figure 2S: UV-vis spectra of A) free P3HT, P3HT-b-P3MT, and P3HT-b-P3AmT in chloroform

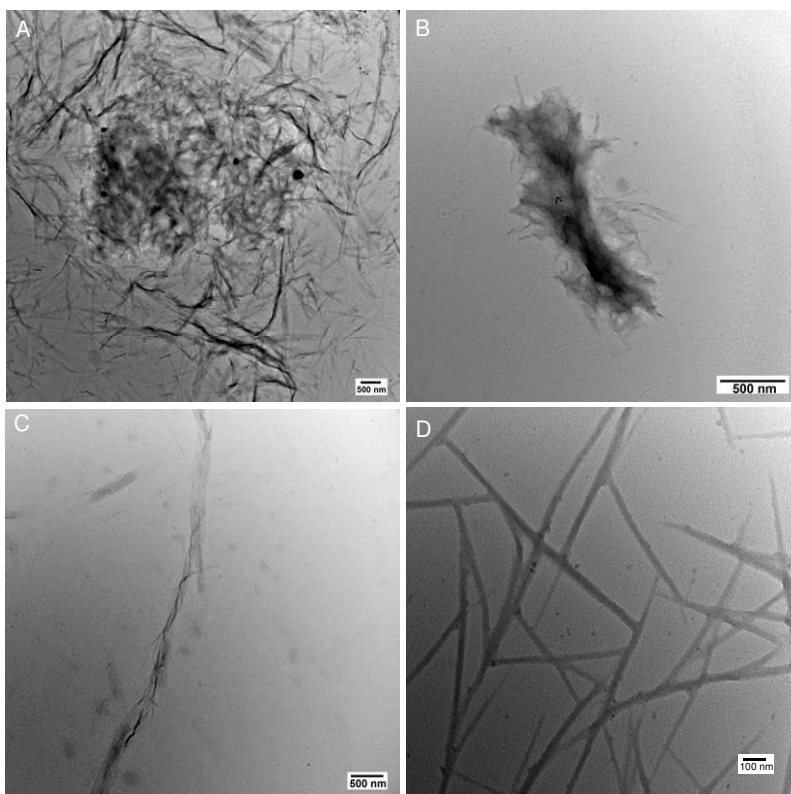


Figure 3S: TEM images of aged A) fibrillar sheets (P3HT-b-P3AmT) B) fibrillar bundles (P3HT-b-P3AmT) C) discrete fibrils (P3HT-b-P3AmT) and D) thermally annealed fibrillar bundles (P3HT-b-P3AmT) drop cast from 10mg/mL chloroform solution