

Synthesis of acrylonitrile side chain appended π -conjugated polymers through Suzuki cross-coupling polycondensation and Knoevenagel condensation process, and their optical properties

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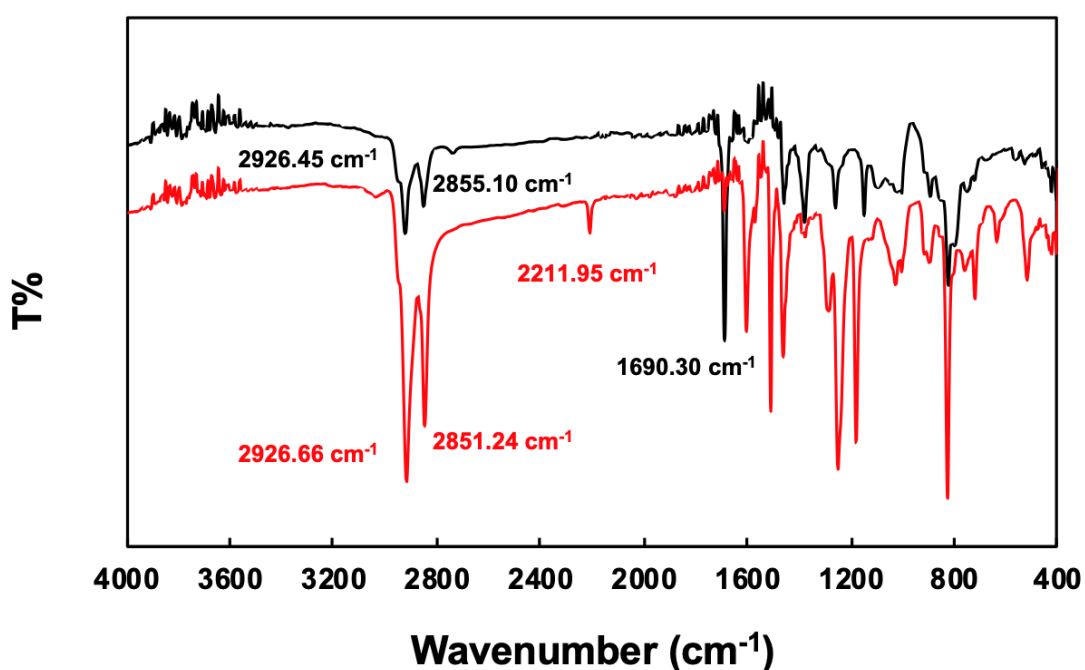


Fig. S1 IR spectra of the polymers. Black: P1. Red: P2.

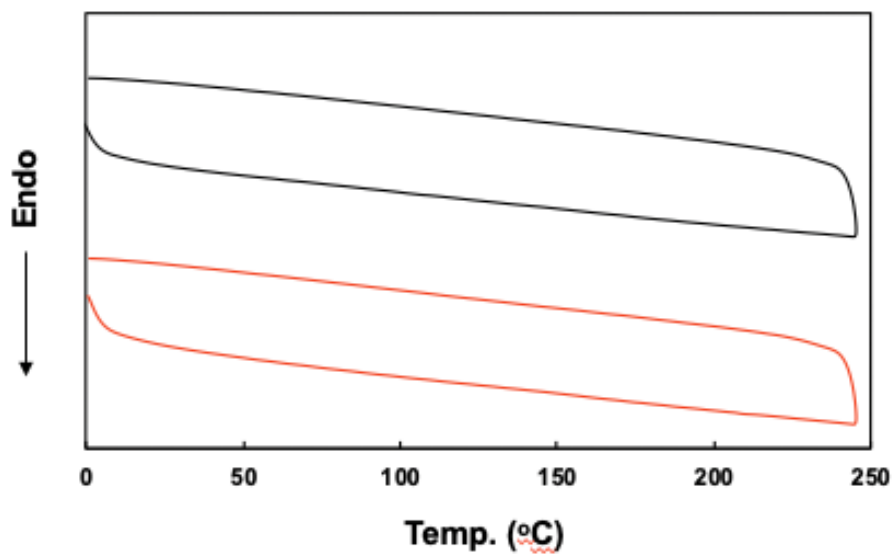


Fig. S2 DSC trace of the polymers. Black: P1. Red: P2.

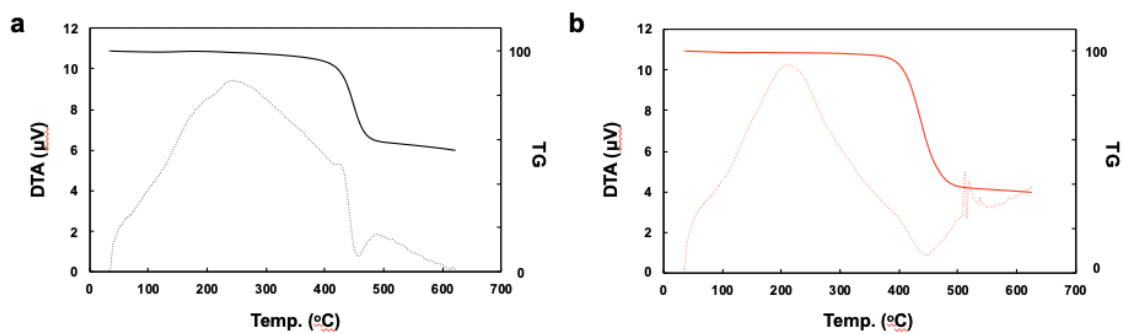


Fig. S3 TGA and DTA of the polymers. (a) P1. (b) P2.

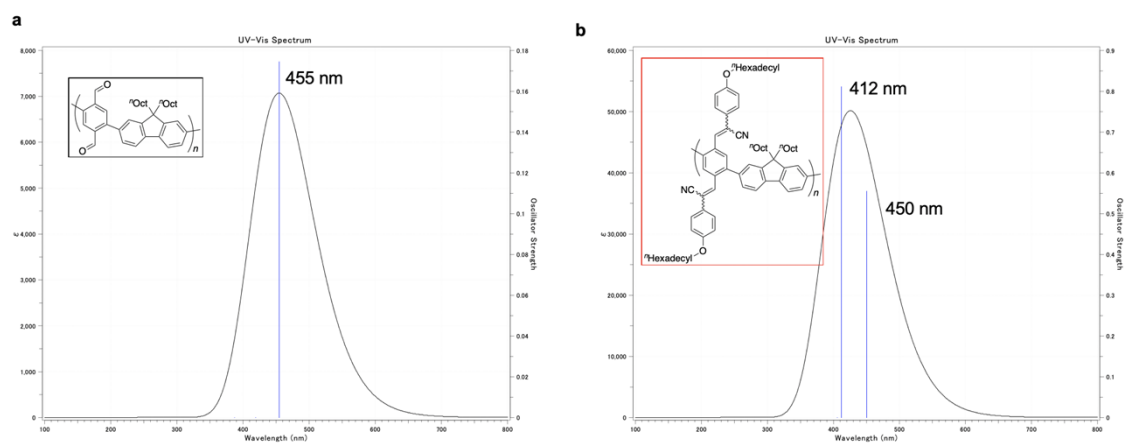


Fig. S4 Simulated UV-vis spectra of the polymer models. (a) P1. (b) P2.

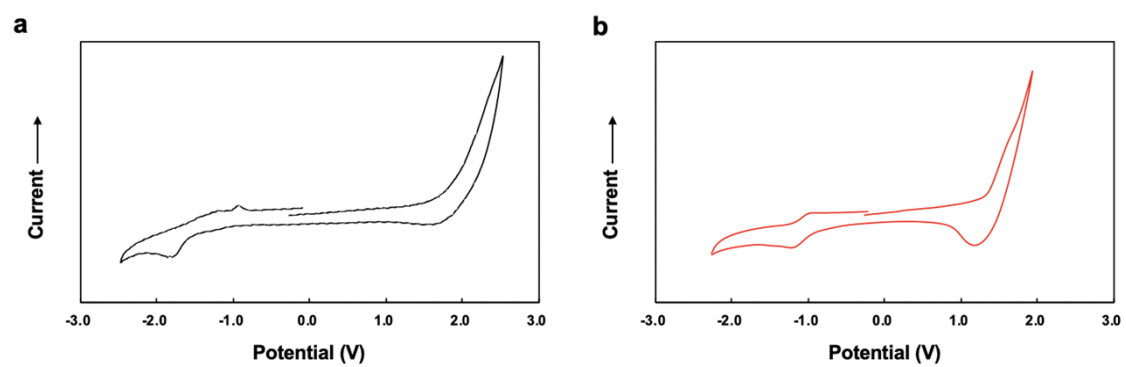


Fig. S5 CV of the polymers. (a) P1. (b) P2. Potential, V, vs. Fc^+/Fc .