

Supporting Information for:

Efficient Synthesis of Benzobisazole Terpolymers Containing Thiophene and Fluorene.†

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Figure S1. TGA curves of poly(arylenebenzobisazoles). TGA's were obtained under N₂ at a heating rate of 15°C/min.

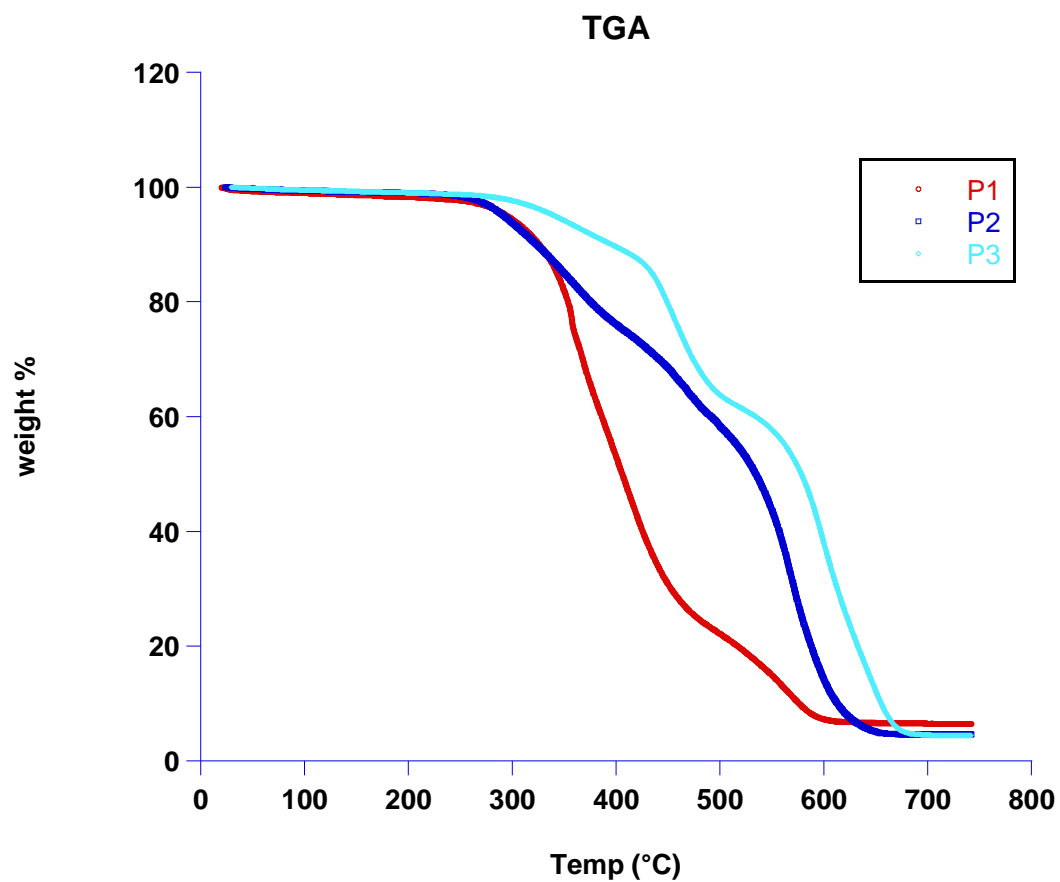


Figure S2. DSC curves.

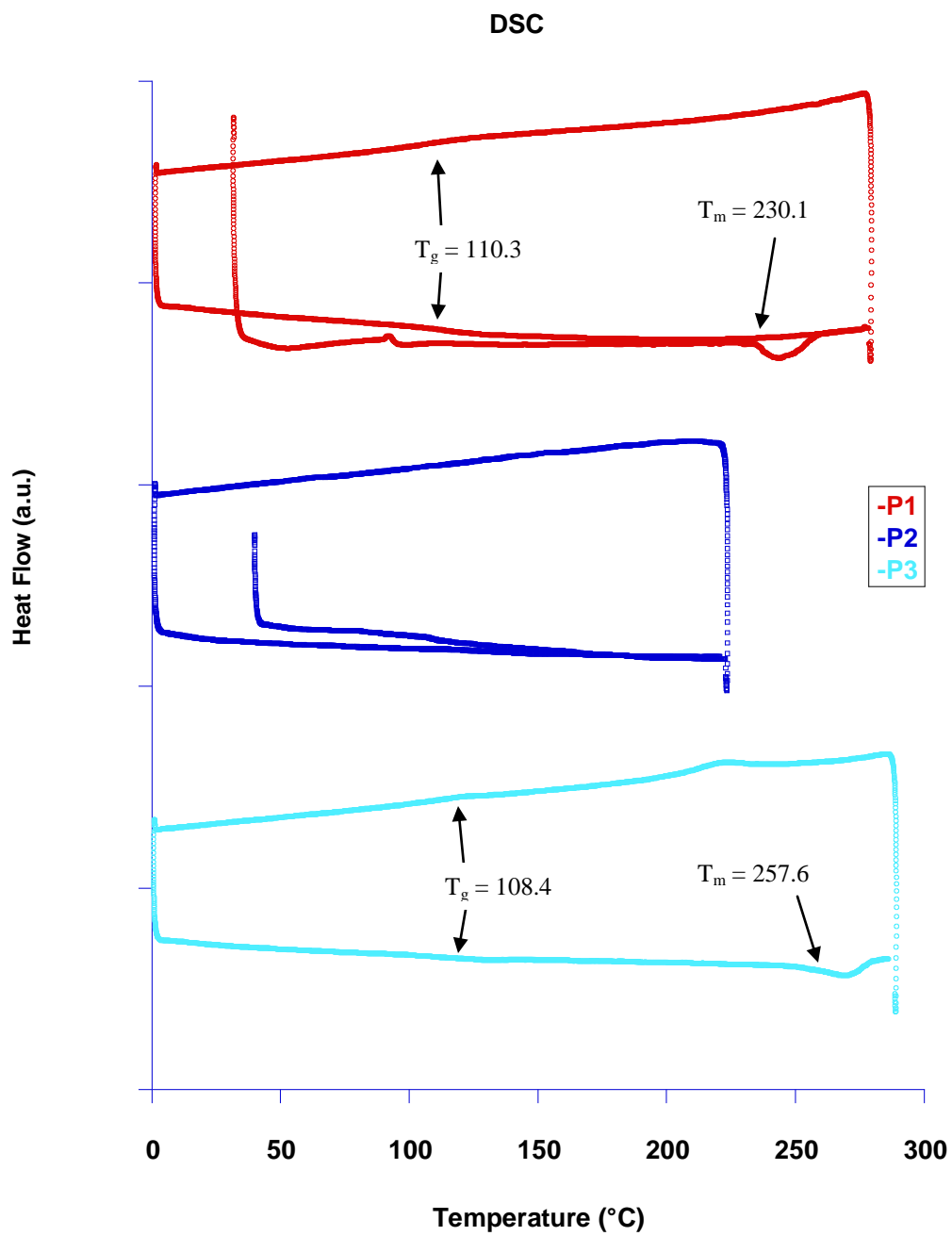
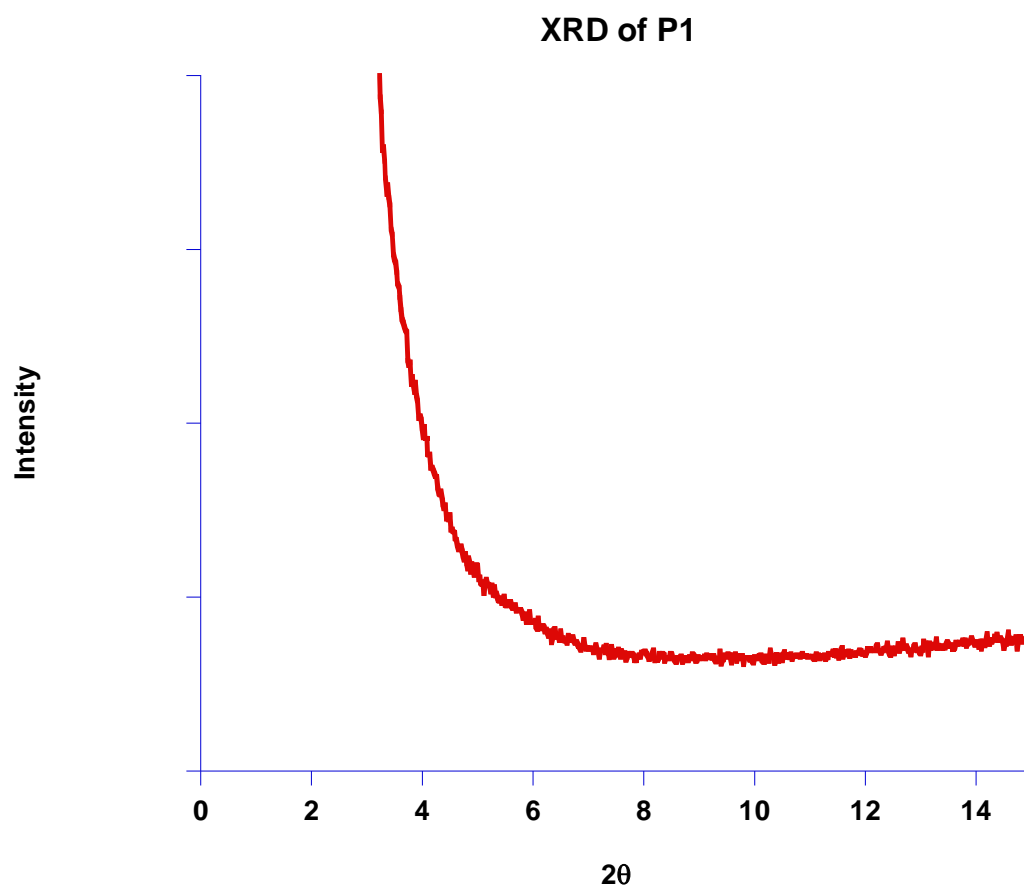
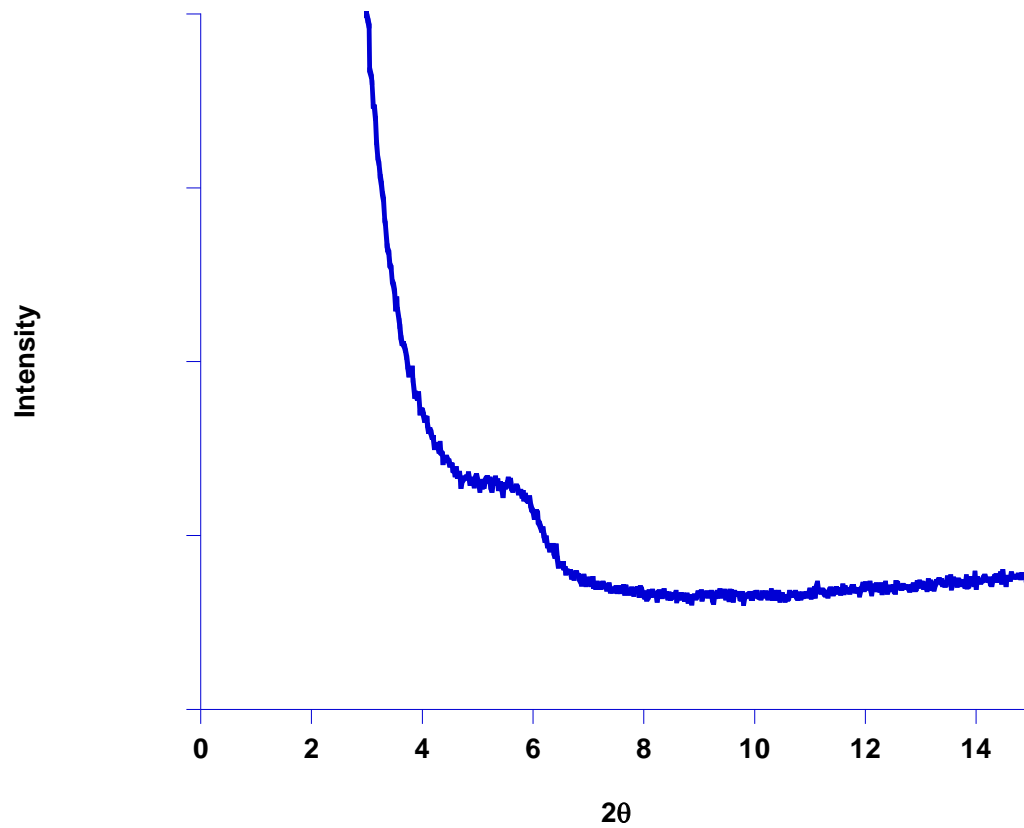


Fig S3. XRD.



XRD of P2



XRD of P3

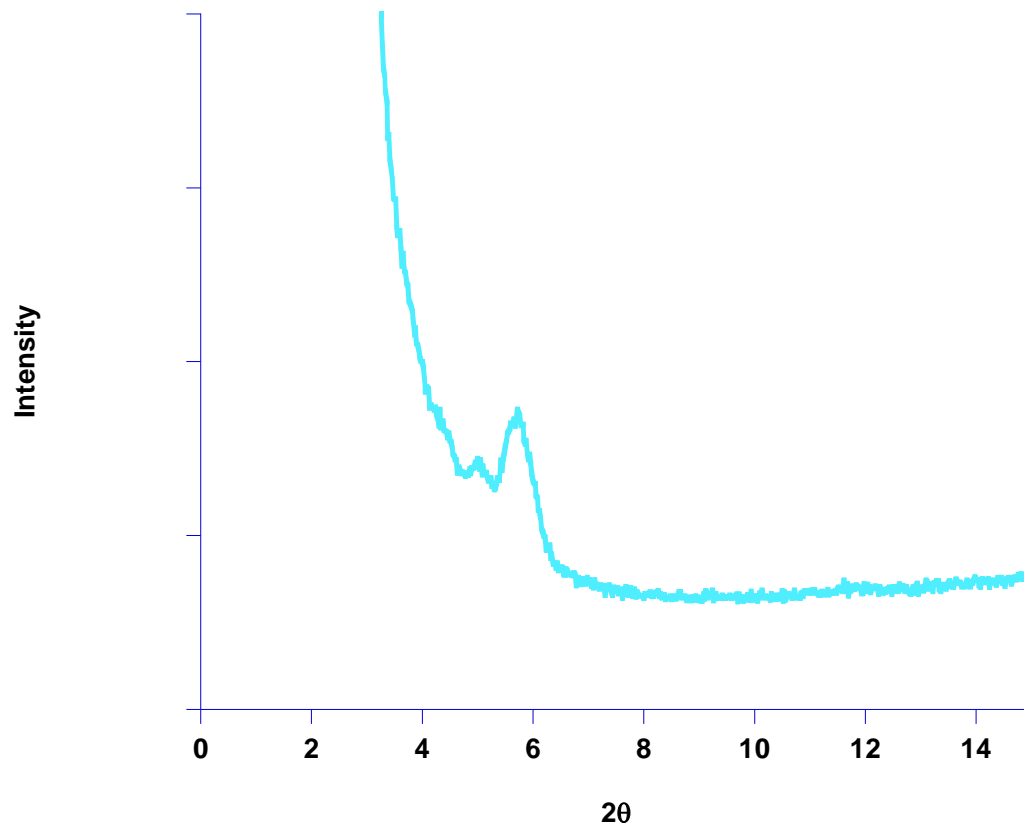


Figure S4. Cyclic voltammetry was performed on thin films of polymers that were drop-casted onto the ends of 1mm platinum button electrodes using a platinum wire as counter-electrode and a Ag/Ag⁺ reference electrode. Ferrocene was used as an internal standard. Measurements were recorded at a scan rate of 100 mV/s.

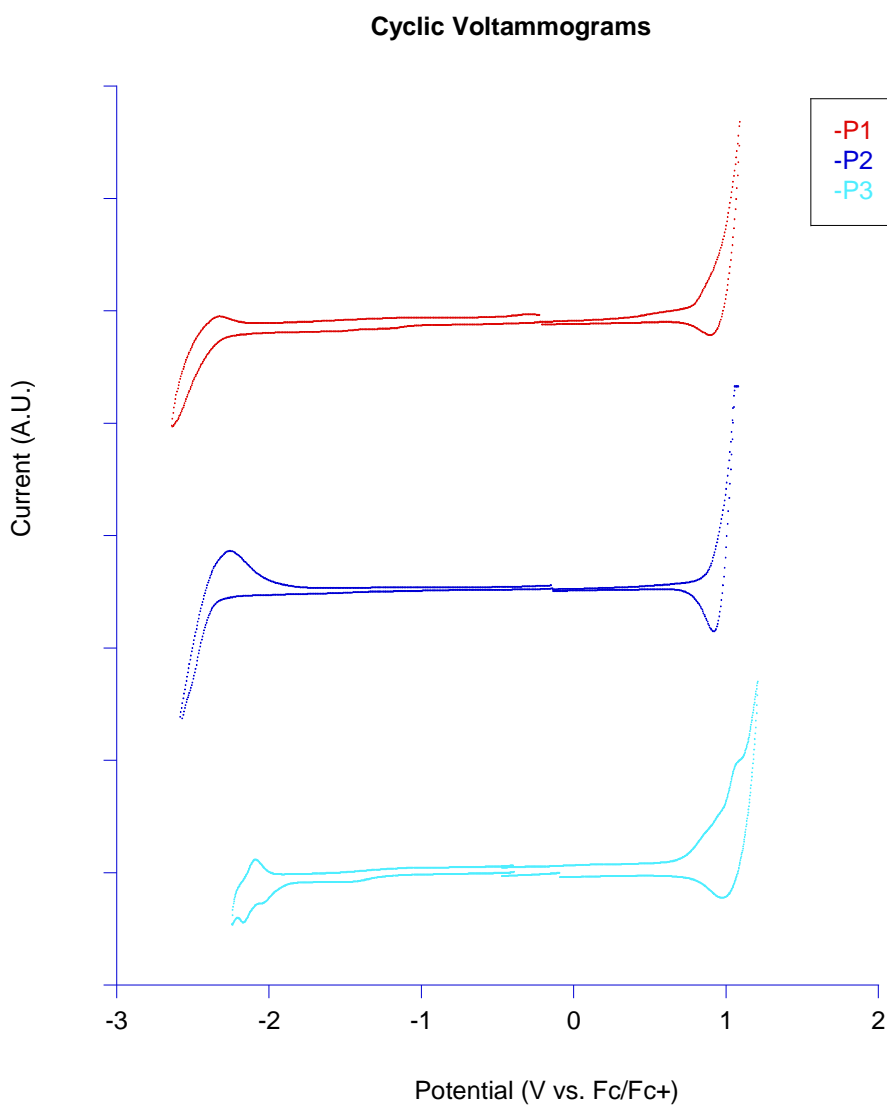


Figure S5. Differential pulse voltammetry was performed on thin films of polymers that were drop-casted onto the ends of 1mm platinum button electrodes using a platinum wire as counter-electrode and a Ag/Ag⁺ reference electrode. Ferrocene was used as an internal standard. Measurements were recorded at a scan rate of 100 mV/s with a pulse height of 100 mV, step width of 50 ms, and pulse time of 25 ms.

