

Supplementary Material

P(TT-TPA) featuring conjugated extended structure: enabling high-performance flexible electrochromic-supercapacitors

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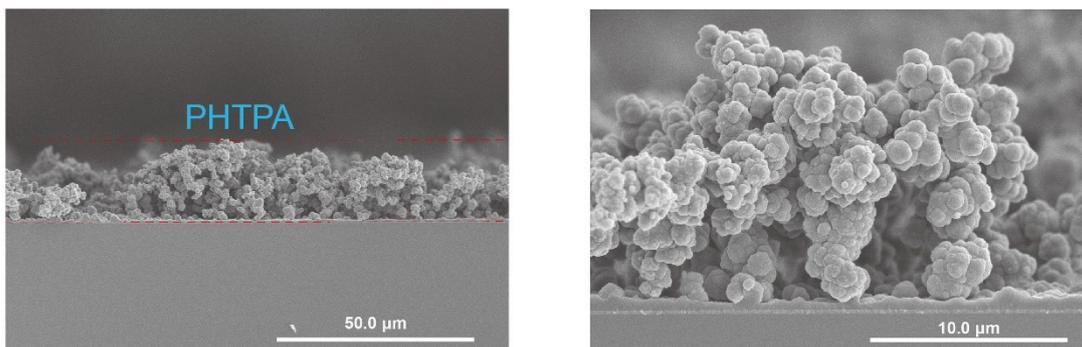


Fig. S1 Top SEM images of PHTPA.

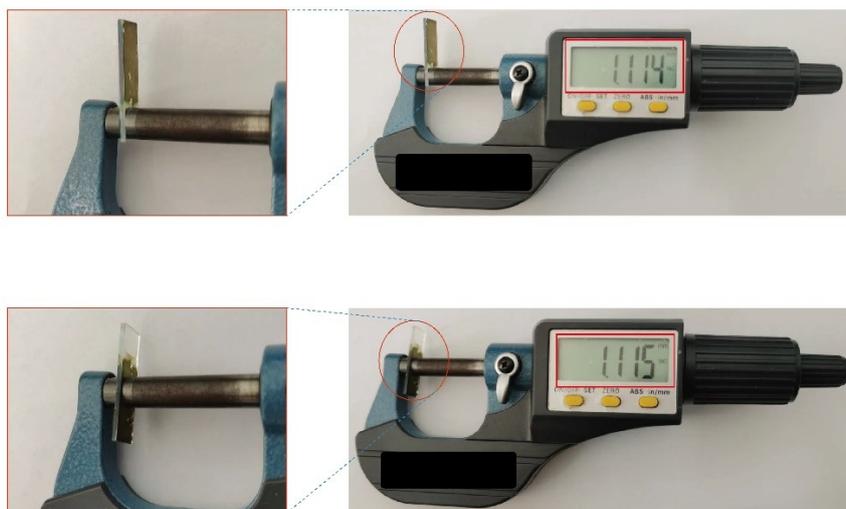


Fig. S2 Thickness measurement of PHTPA films.

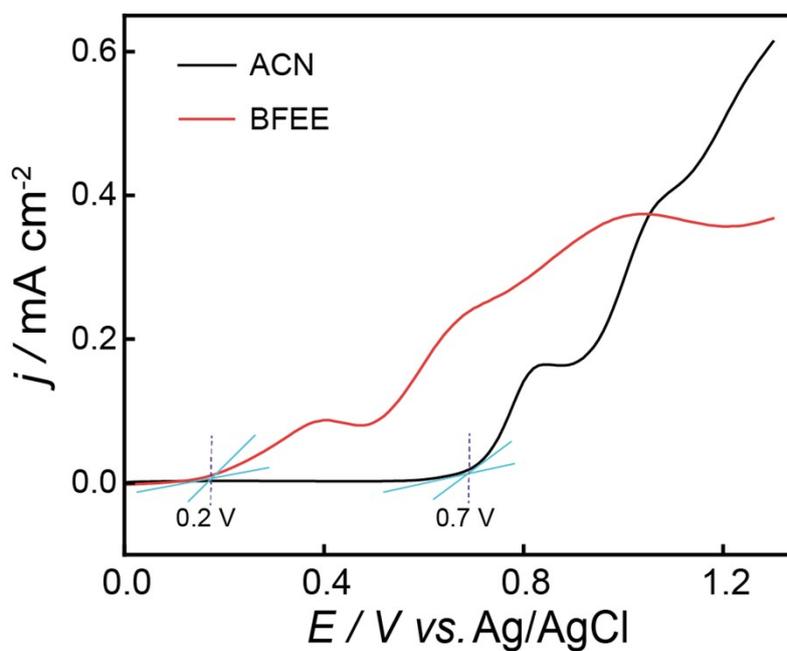


Fig. S3 LSV of HTPA (0.01 mol L^{-1}) in the system of BFEE and ACN at a scan rate of 100 mV s^{-1} .

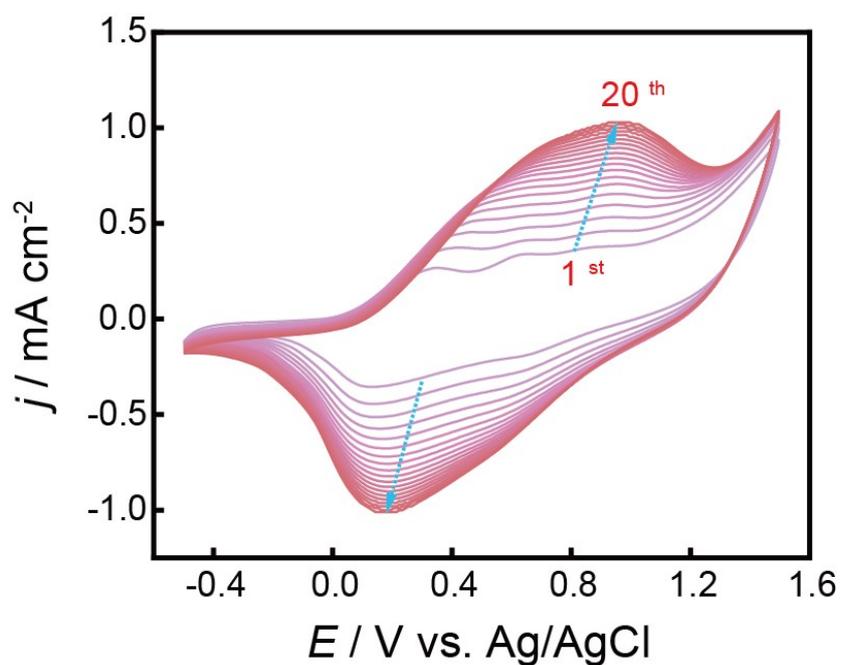


Fig. S4 CVs electropolymerized by 0.01 mol L^{-1} PHTPA on the Pt filament electrode at a scan rate of 100 mV s^{-1} in the BFEE system.

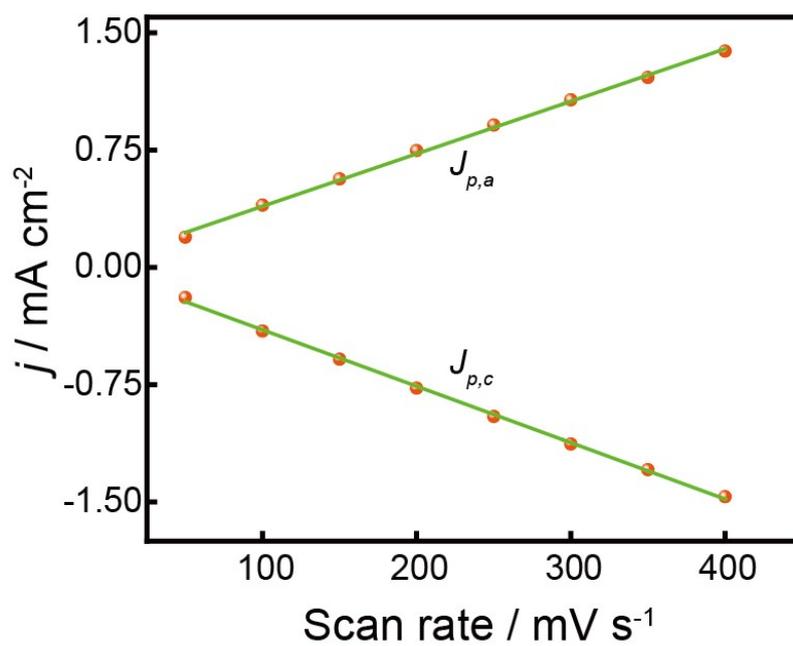


Fig. S5 Linear dependence between scan rate and redox peak current density. $J_{p,a}$, anodic peak current density; $J_{p,c}$, cathodic peak current density.