

Supplementary Material (ESI) for Journal of Materials Chemistry
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**Near-Monodispersed Polyaniline Particles through Template
Synthesis and Simultaneous Doping with Diblock Copolymers
of PMA and PAAMPSA**

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Supporting Information

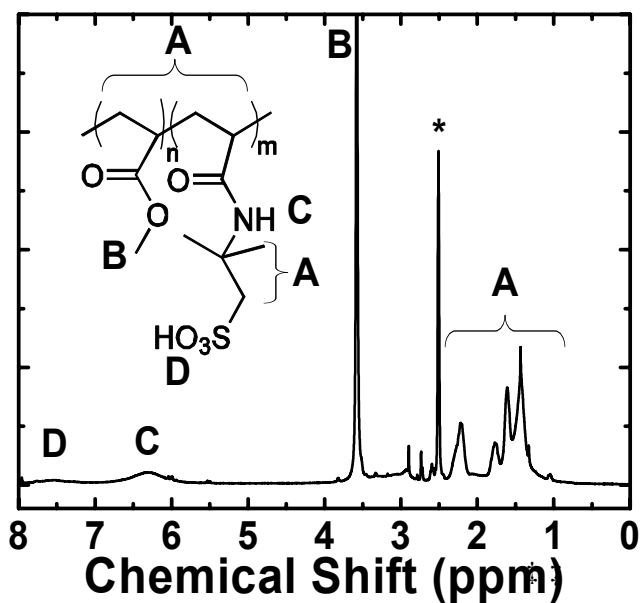


Fig. S1: ^1H NMR spectrum of PMA/PAAMPSA 10/11 in deuterated DMSO. The proton contributions have been labeled for clarity. The asterisk denotes the d-DMSO solvent peak. The two small peaks at 2.8 and 2.9 ppm are residual DMF from PAAMPSA synthesis. The chemical structure of PMA/PAAMPSA is provided in the inset for reference.

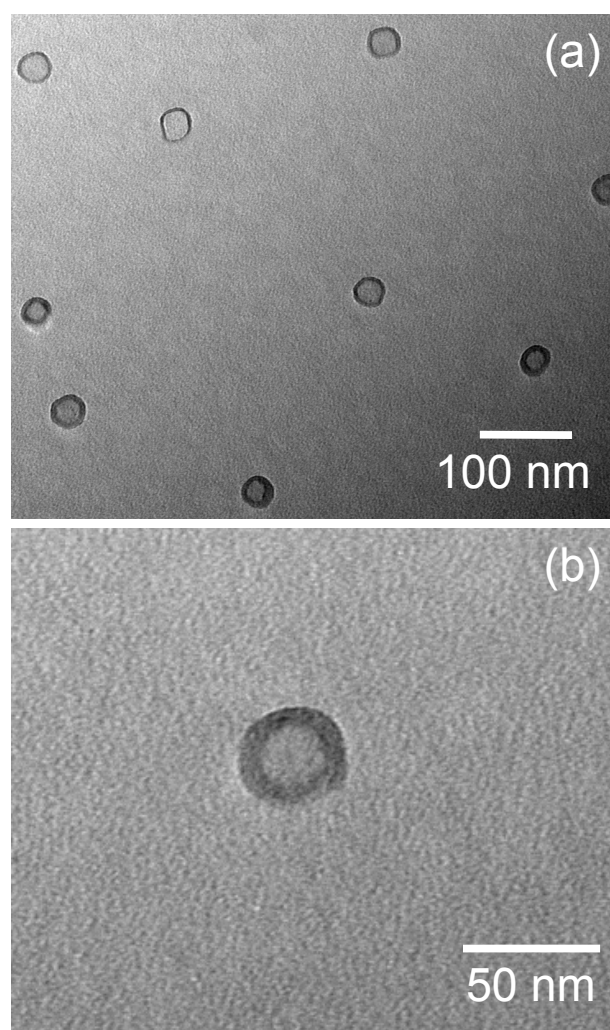


Fig. S2: Transmission electron micrographs of PMA/PAAMPSA 10/11 in 0.2M NaCl (a) at low magnification, showing multiple micelles, and (b) at higher magnification, showing the core/shell-structure of these micelles.

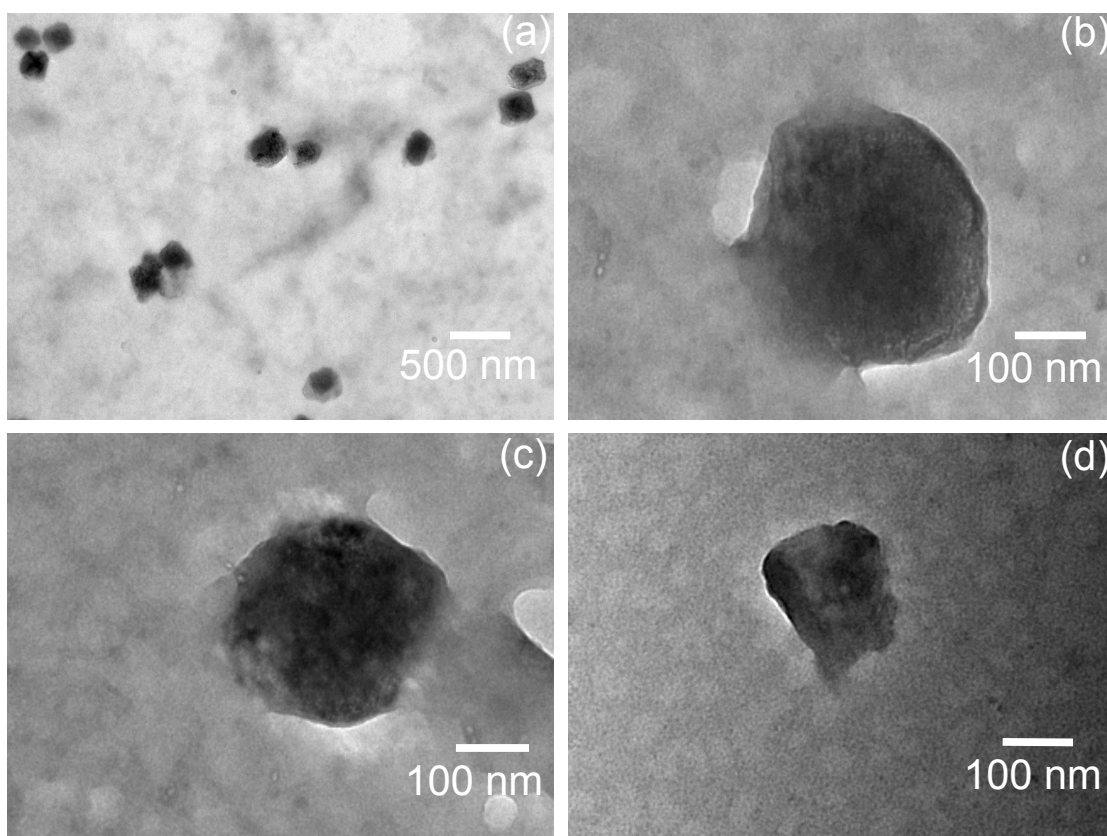


Fig. S3: Transmission electron micrographs of PANI-PMA/PAAMPSA 10/23 (a) at low magnification, showing multiple nanoparticles, and of (b) PANI-PMA/PAAMPSA 10/23, (c) PANI-PMA/PAAMPSA 10/11, and (d) PANI-PMA/PAAMPSA 10/6 at the same higher magnification.

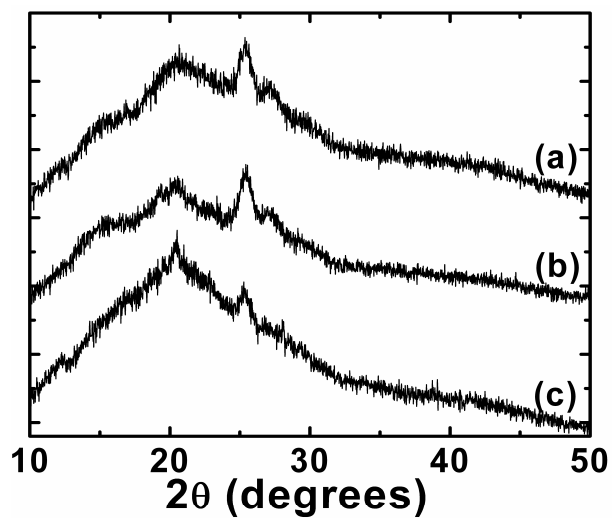


Fig. S4: XRD spectra of (a) PANI-PMA/PAAMPSA 10/23, (b) PANI-PMA/PAAMPSA 10/11, and (c) PANI-PMA/PAAMPSA 10/6. The spectra have been shifted along the y-axis for clarity.

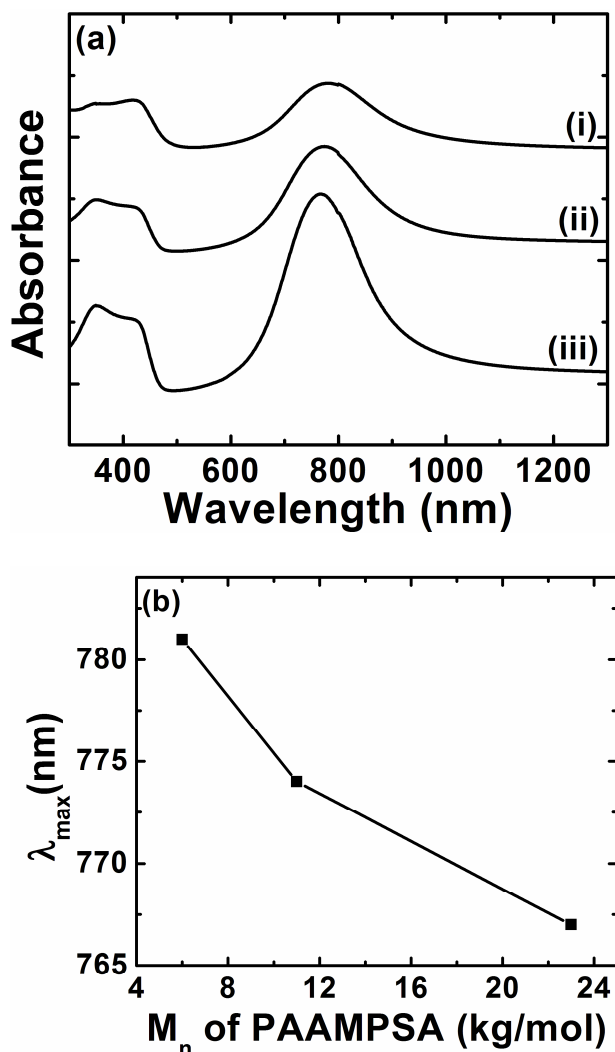


Fig. S5: (a) UV-vis-NIR spectra of (i) PANI-PMA/PAAMPSA 10/6, (ii) PANI-PMA/PAAMPSA 10/11, and (iii) PANI-PMA/PAAMPSA 10/23. The spectra have been shifted along the y-axis for clarity. The location of the peak maximum, λ_{\max} , of each spectrum is quantified in (b).