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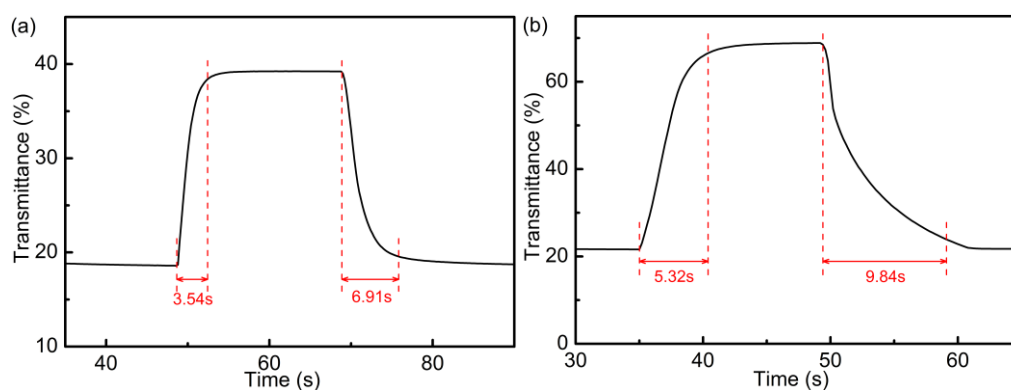
**Black to transmissive electrochromic switching polymer films via solution co-processing**

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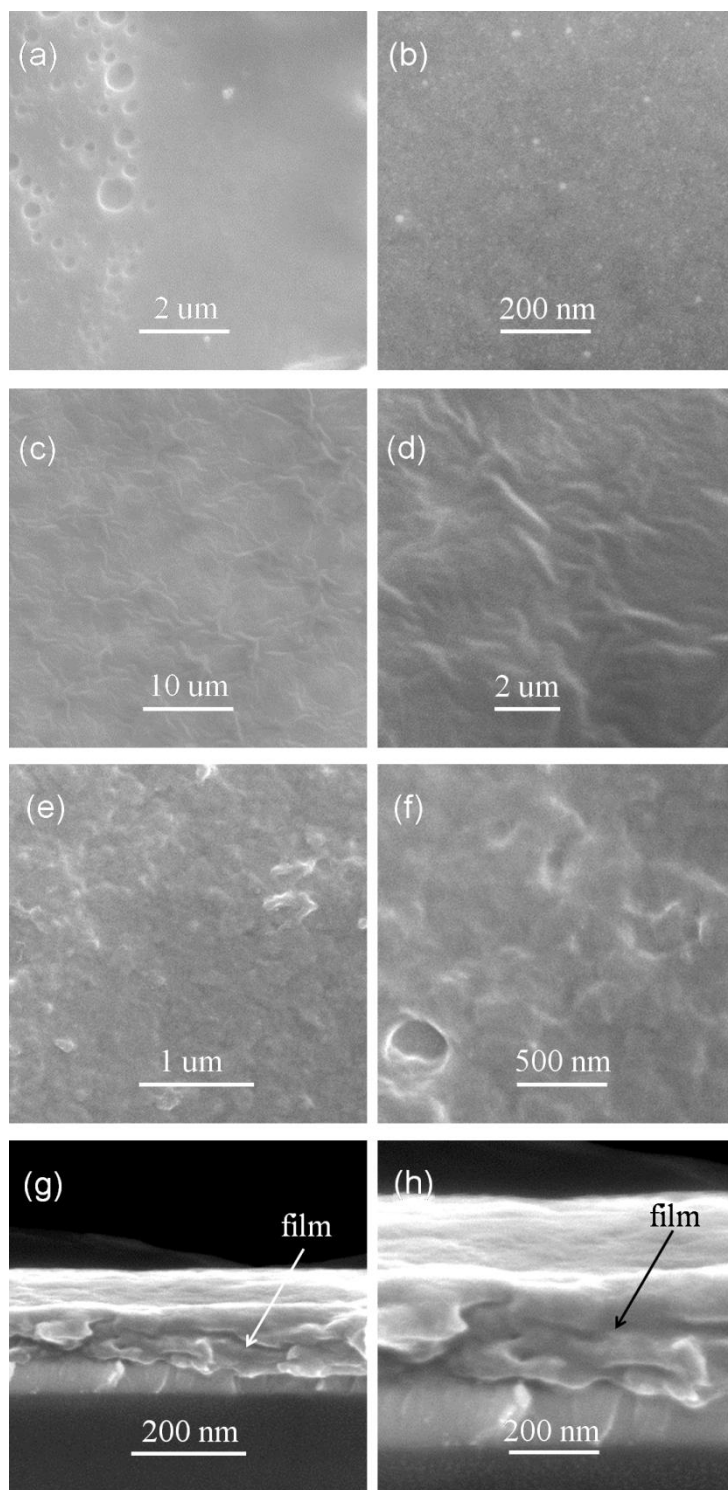
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**Fig. S1.** Switching speed of (a) P1 (monitored at 748 nm) and (b) P2 (monitored at 540 nm). Measurements were performed in 0.1 M LiClO<sub>4</sub>/PC of films on ITO glasses electrodes, with Pt wire counter-electrode and Ag wire pseudo reference electrode.



**Fig. S2.** Surface micrographs of the polymer films spray-cast onto ITO-coated glass slides: (a) and (b) for P1; (c) and (d) for P2 & (e-h) for B (g and h are cross-section views).