Electronic Supplementary Information (ESI)

Oligothiophenes Incorporated in Polysilsesquioxane Network:

Application to Tunable Transparent Conductive Films

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(a)

![Graph showing absorption and difference absorption spectra](image-url)
Fig. 1 Absorption spectra of (a) PBSO8T, (b) PBSO10T, and (c) PBSO12T films (upper: spectra of neutral polymers, bottom: difference spectra of electrochemically oxidized polymers; solid: oxidized at 0.5 V for PBSO8T and/or 0.4 V for PBSO10T and PBSO12T, dashed: oxidized at 0.8 V vs. Ag/Ag⁺ for all polymers).