

Supplementary Information

Association function of conjugated polymer charge-transfer complex

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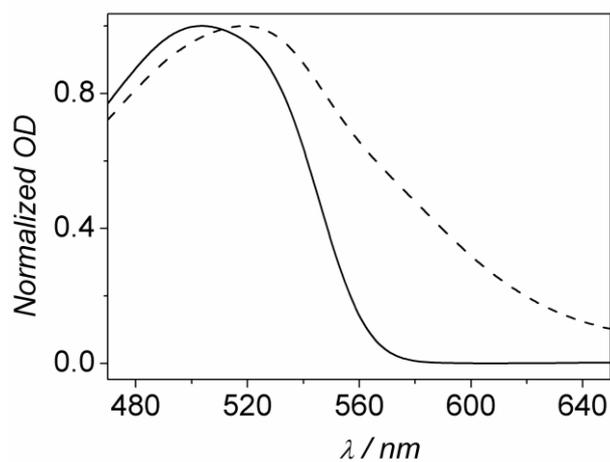


Figure 1S. Normalized absorption spectra of pristine MEH-PPV (4 g l^{-1}) solution (solid curve) and MEH-PPV/TNF for $x=0.5$ ($C_D^0=C_A^0=4 \text{ g l}^{-1}$) blend solution (dashed curve).

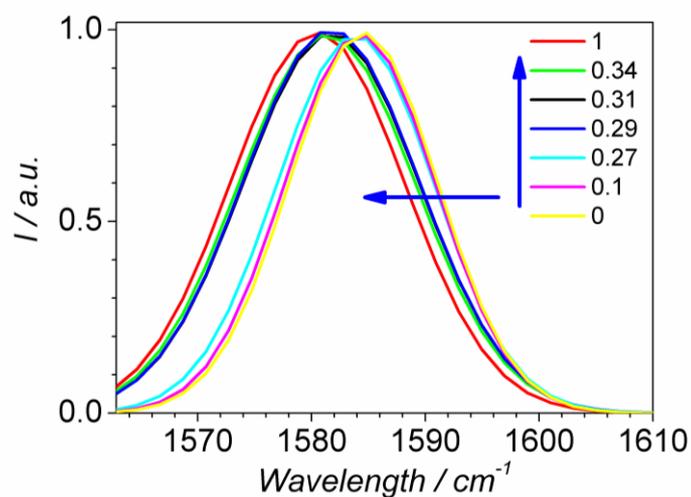


Figure 2S. Raman spectra of MEH-PPV/TNF blends in solutions for different molar acceptor content. The initial concentration was $C^0 = 2.5 \text{ g l}^{-1}$.

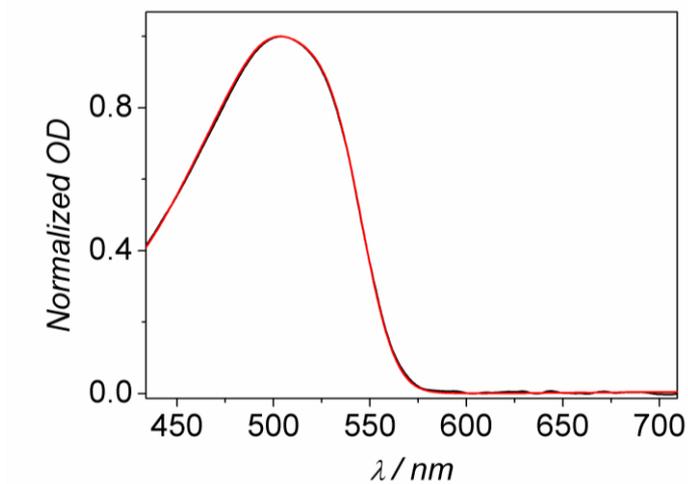


Figure.3S. Absorption spectra of MEH-PPV solution at 0.01 g l^{-1} (black curve) and at 4 g l^{-1} (red curve).

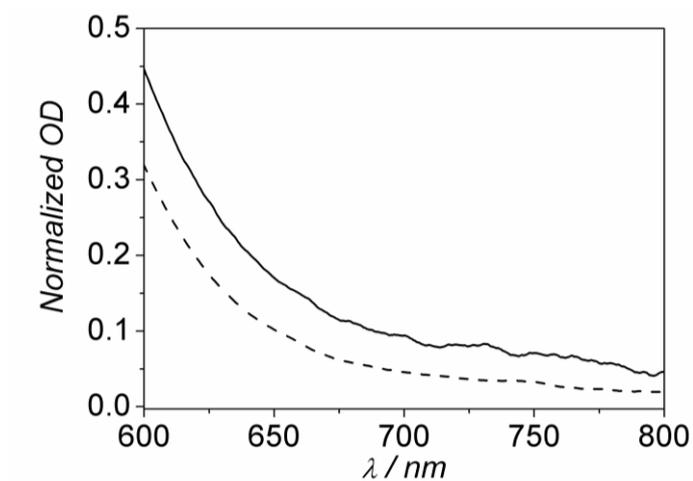


Figure.4S. Normalized absorption spectra of MEH-PPV/TNF blended film for $x=0.29$ (solid curve) and MEH-PPV/TNF blended solution for $x=0.4$ (dashed curve) (normalized to the maximum MEH-PPV absorption at $\sim 515 \text{ nm}$).