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 \( x = 0.5 \) (\( C_\text{D}^0 = C_\text{A}^0 = 4 \text{ g l}^{-1} \)) 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 ~515 nm).