

Supplementary Materials: Synthesis and Characterization of PEDOT:P(SS-co-VTMS) with Hydrophobic Properties and Excellent Thermal Stability

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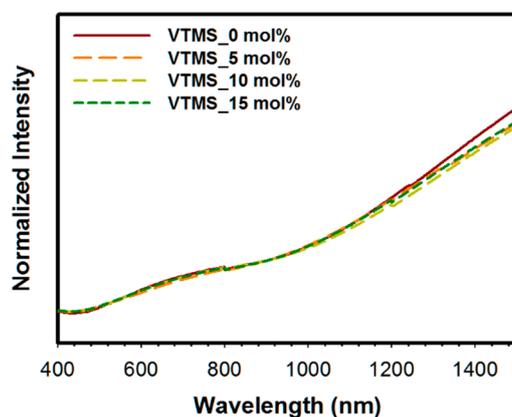


Figure S1. UV–VIS–NIR spectra of PEDOT:P(SS-co-VTMS) films with DMSO treatment.

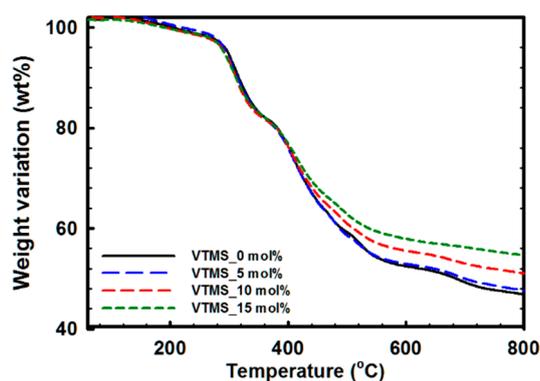


Figure S2. Thermal stability of P(SS-co-VTMS) with thermal annealing.

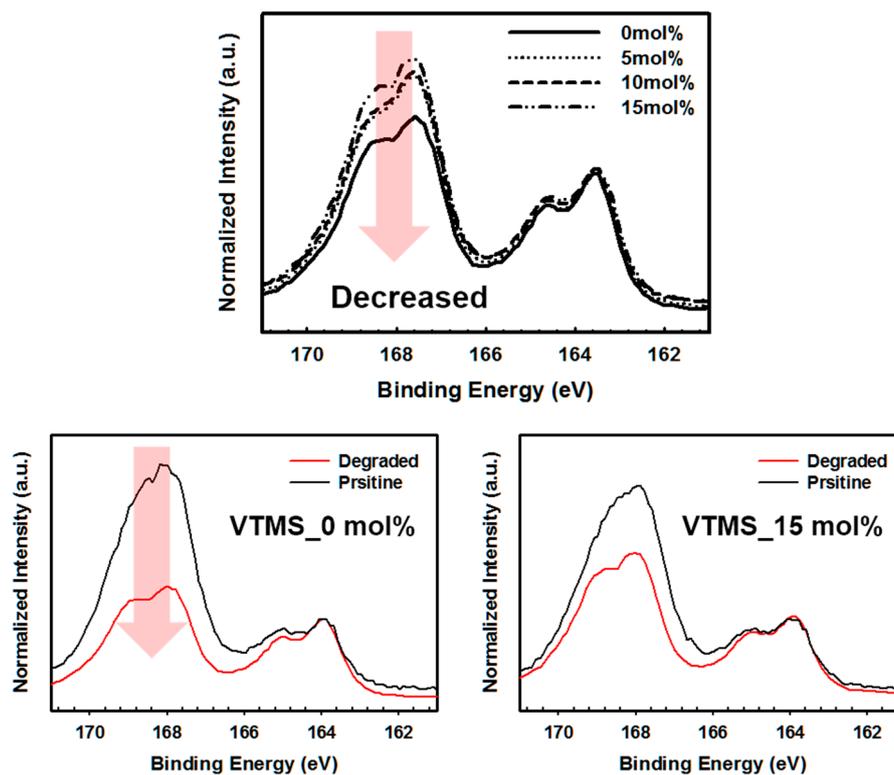


Figure S3. XPS spectra of PEDOT:P(SS-co-VTMS) films after thermal aging. The intensity of S 2p peaks at PSS, normalized with the S 2p peaks of PEDOT, was dramatically decreased as the VTMS_0 mol % conditions, however the intensity of S 2p peak at P(SS-co-VTMS) were relatively remained. The stability of conducting film dependent on the remain of S 2p peak at PSS.



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