

Supporting Information

Synthesis and performance of cross-linked PEDOT:MOI-P(SS-HEA)
transparent conductive films by UV irradiation

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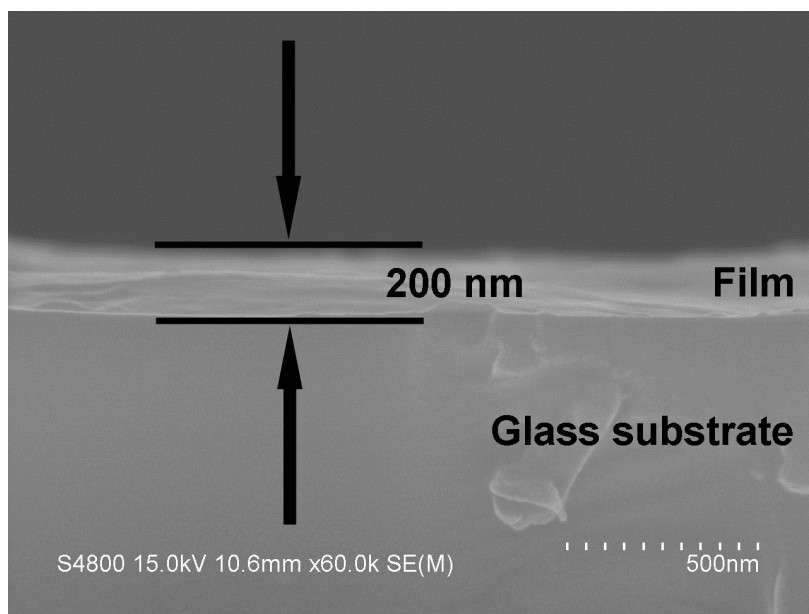


Fig. S1 Cross-sectional FE-SEM image of PEDOT:MOI-P(SS-HEA) conductive thin film on glass substrate.

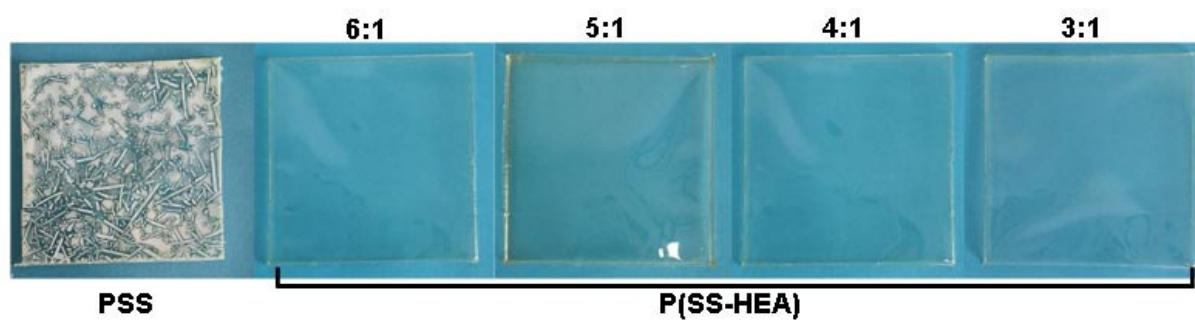


Fig. S2 The film forming ability of PSS, various SSNa/HEA molar ratios of P(SS-HEA) films, the films were formed on $10 \times 10 \text{ cm}^2$ glass substrates.

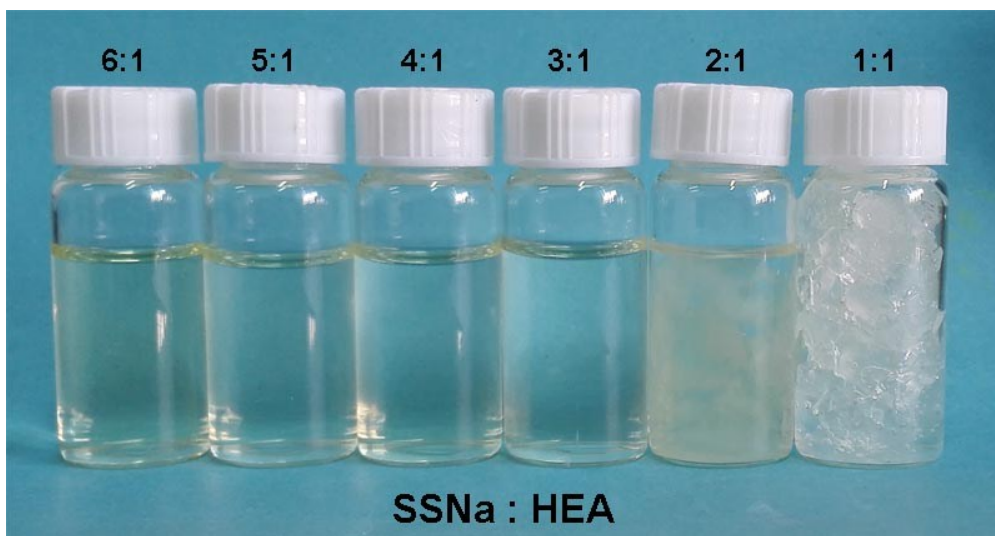


Fig. S3 The water-solubility of P(SS-HEA) with various SSNa/HEA molar ratios.

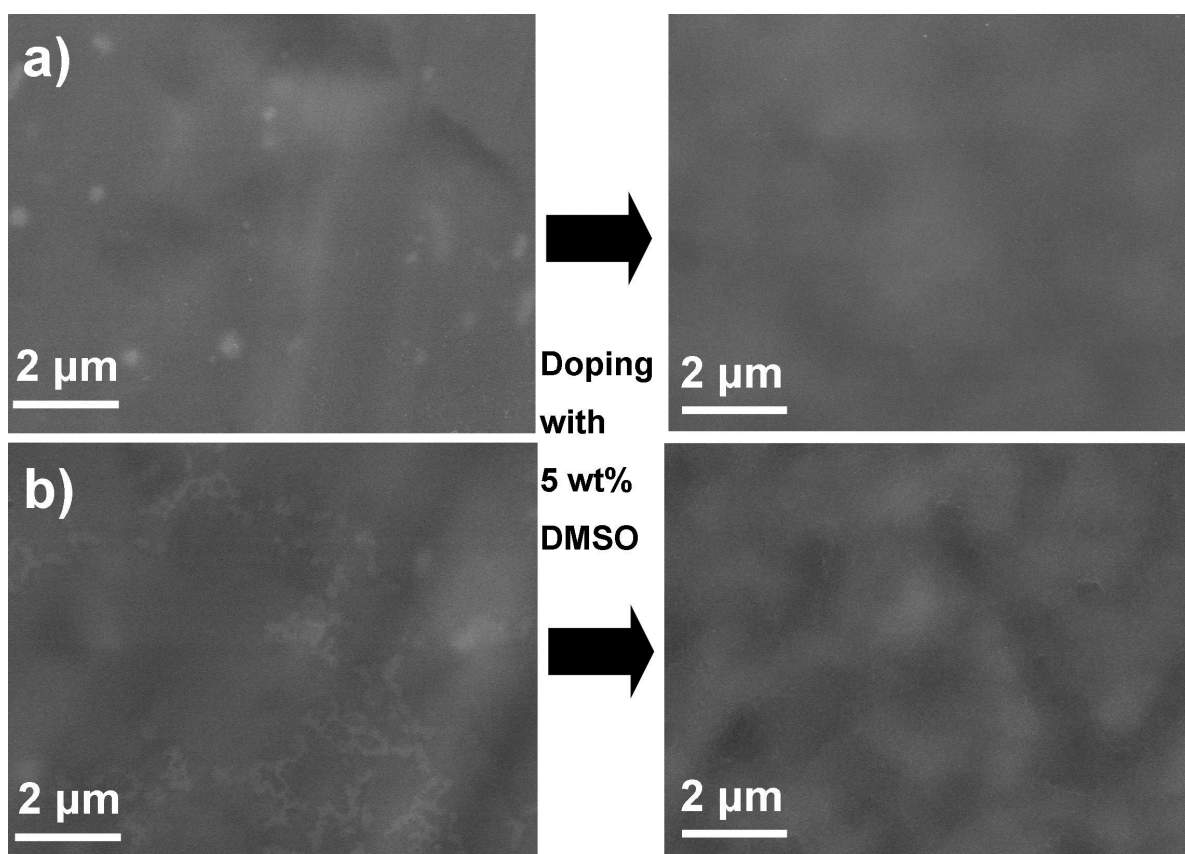


Fig. S4 FE-SEM images of a) PEDOT:PSS and b) PEDOT:MOI-P(SS-HEA).