

Electronic Supplementary Information for *RSC Advances* manuscript:

Optimization of Thermoelectric Figure

of Merit in Poly(p-phenylenediamine)/ Exfoliated Graphene Nanosheets

Composites via Situ Polymerization

Fangzhuan Liu, lingyu Wang, Qinjian Yin, Bo Jiang

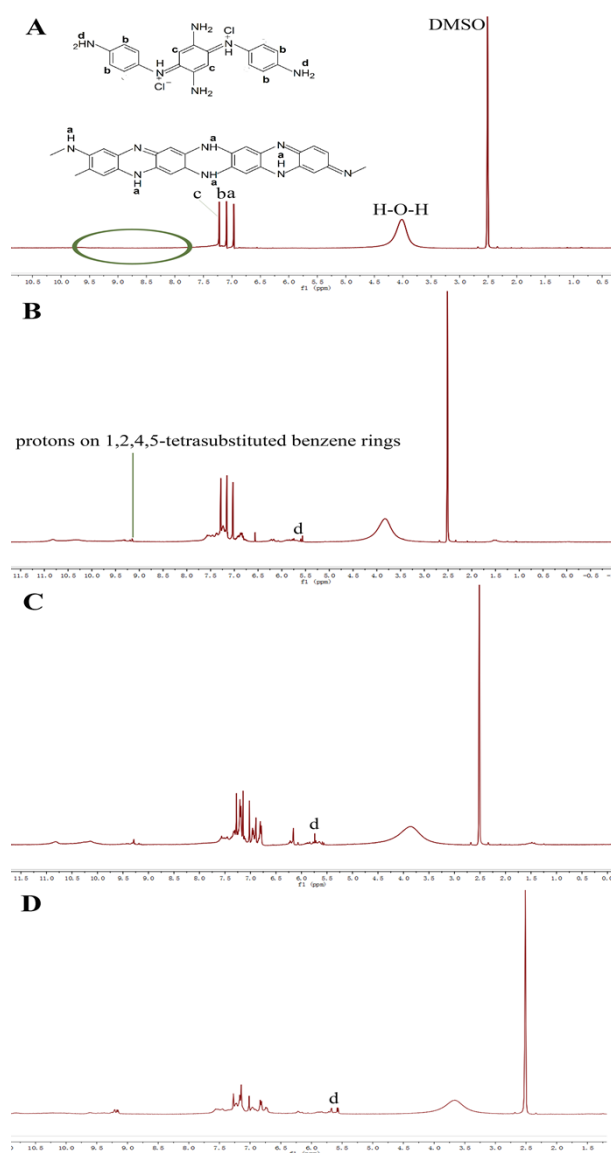


Figure S1. ^1H NMR spectrums for the PpPD with different ratio of oxidation to monomer of 2(A), 1(B), 0.5(C) and 0.25(D) respectively in CDCl_3 .

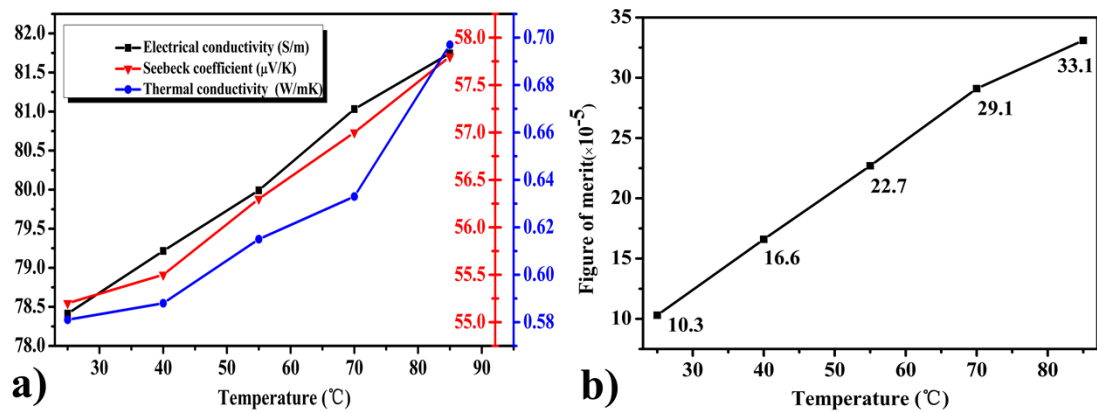


Figure S2. TE parameters a) and figure of merit of PpPD-20GNPs composite from 25 °C-85 °C b).