Supporting Information

PANI/graphene nanocomposite films with high thermoelectric properties by the enhanced molecular ordering

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Table S1 TE properties of PANI/GP-P composite film containing 62 wt% graphene.

Sample	Electrical Conductivity ($S\ cm^{-1}$)	Seebeck Coefficient ($\mu V\ K^{-1}$)	Power Factor ($\mu W\ m^{-1}\ K^{-2}$)
62 wt% PANI/GP-P	614	22	30

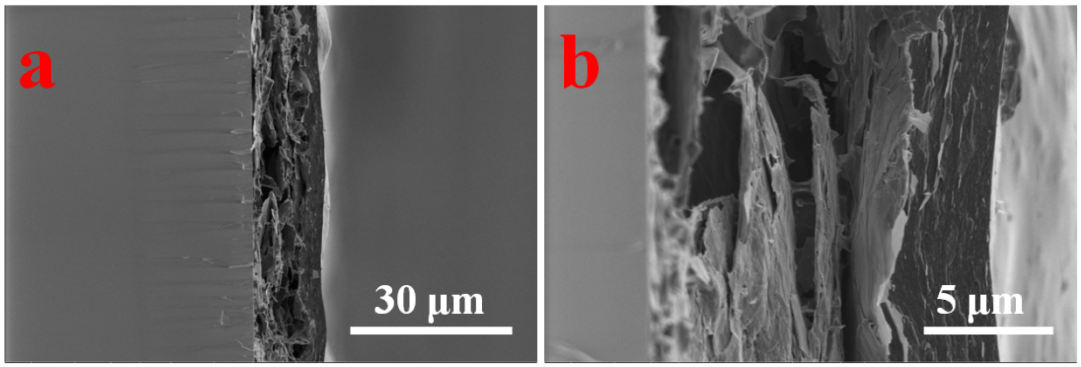

Fig. S1 SEM images of freezed-fractured across sections for PANI/GP-P composite film containing 62 wt% graphene. The distribution of graphene in the PANI/GP-P composite film became disorganized.