Supporting Information

Highly boosted discharged energy density of polymer nanocomposites via novel hybrid structure as fillers

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Supporting Information 1

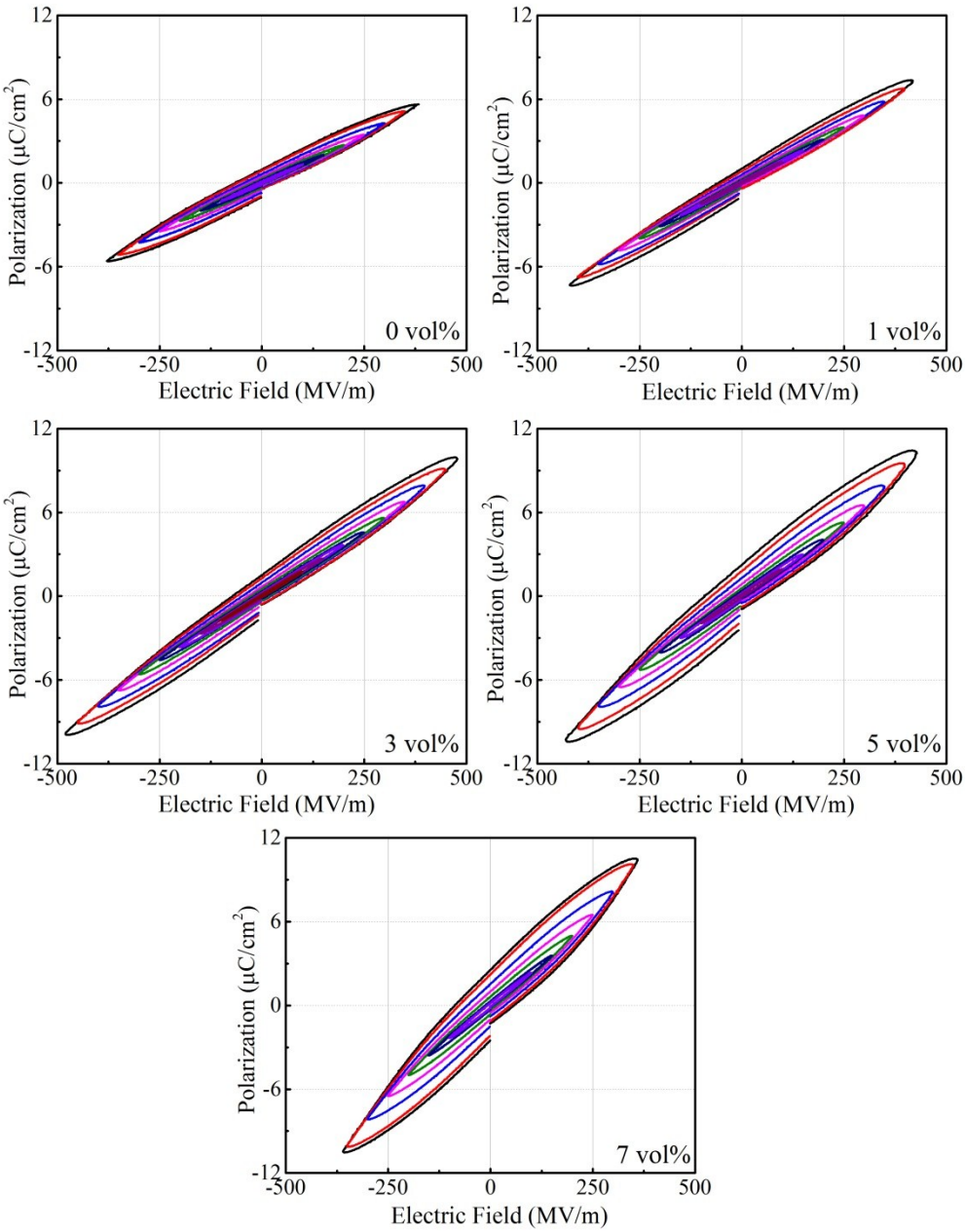

Figure S1 P-E loops of pure PVDF-HFP and composite films with different 1D ABPAs contents.

Supporting Information 2

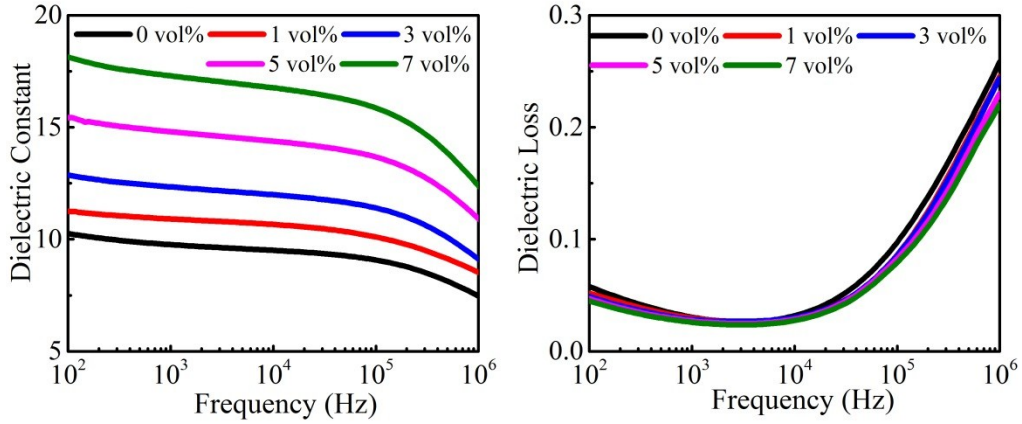

Figure S2 Dielectric constant and dielectric loss dependence of frequency for pure PVDF-HFP and composite films with different 1D Bs contents.

Supporting Information 3

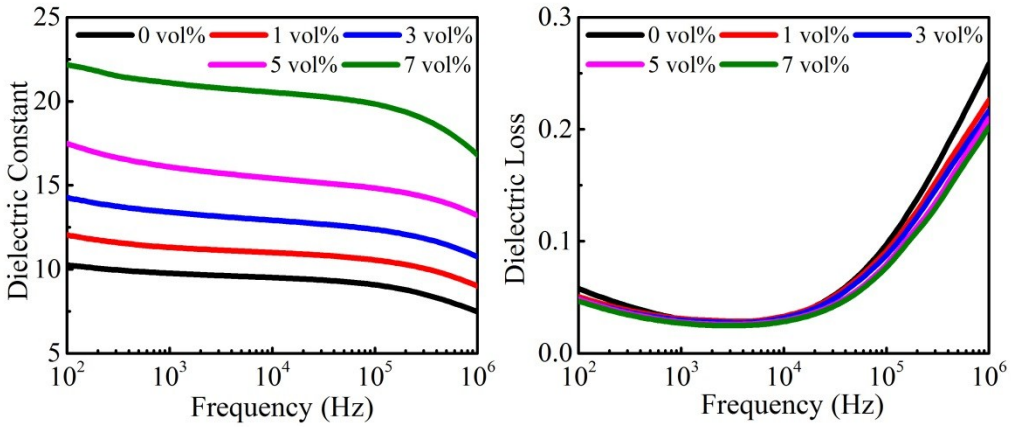

Figure S3 Dielectric constant and dielectric loss dependence of frequency for pure PVDF-HFP and composite films with different 1D ABs contents.

Supporting Information 4

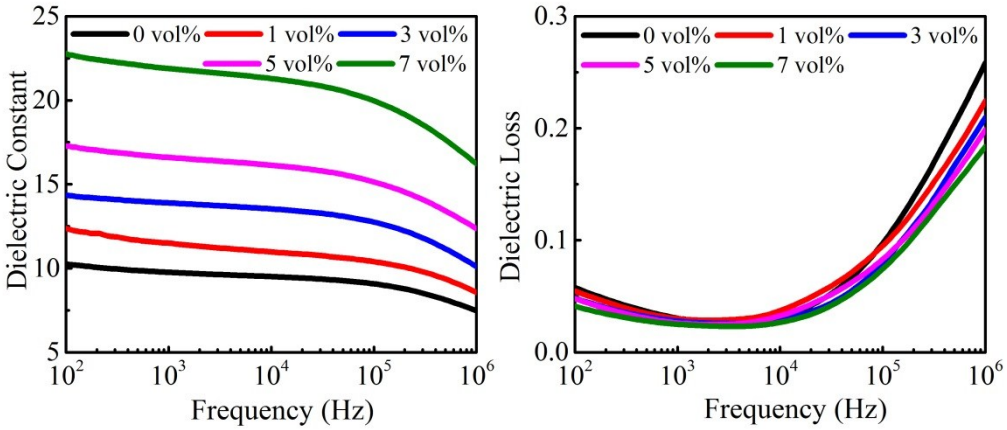

Figure S4 Dielectric constant and dielectric loss dependence of frequency for pure PVDF-HFP and composite films with different 1D ABPs contents.

Supporting Information 5

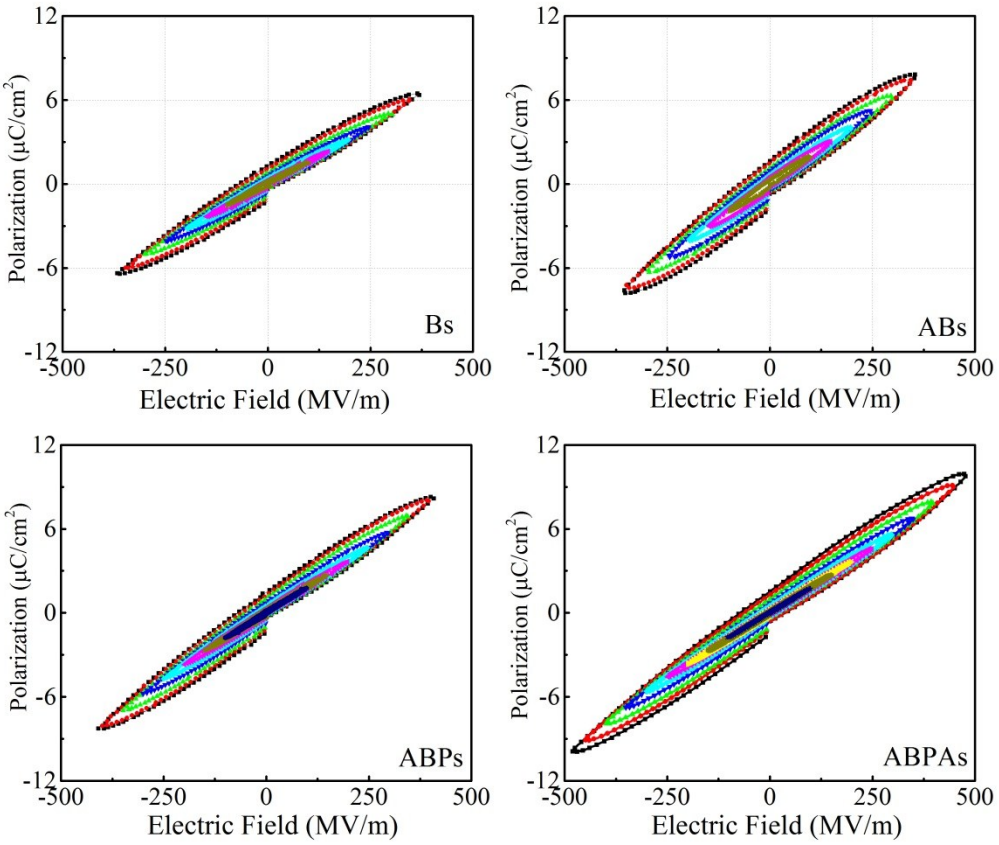

Figure S5 P-E loops of composite films with different structure fillers of 1D Bs, 1D ABs, 1D ABPs, and 1D ABPAs.

Supporting Information 6

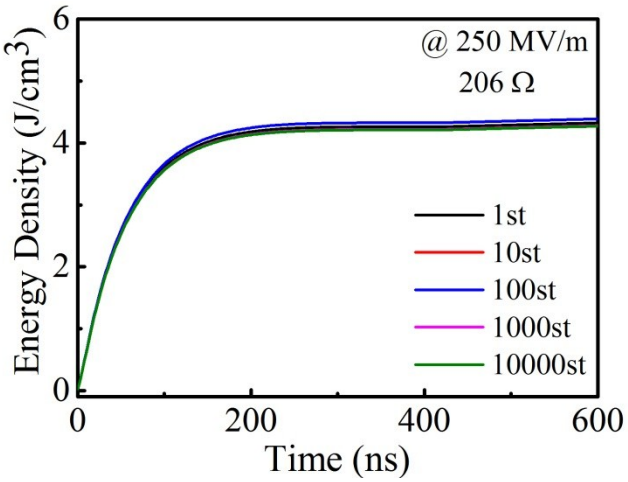

Figure S6 Cycle performance of 1D ABPAs/P(VDF-HFP) composite films under 250 MV/m at room temperature.