

**Fig.S1** Variation of dielectric constant of GFO-PVDF composites and SGFO-PVDF composites at 10 kHz with with the different wt% loading of nanoparticles.

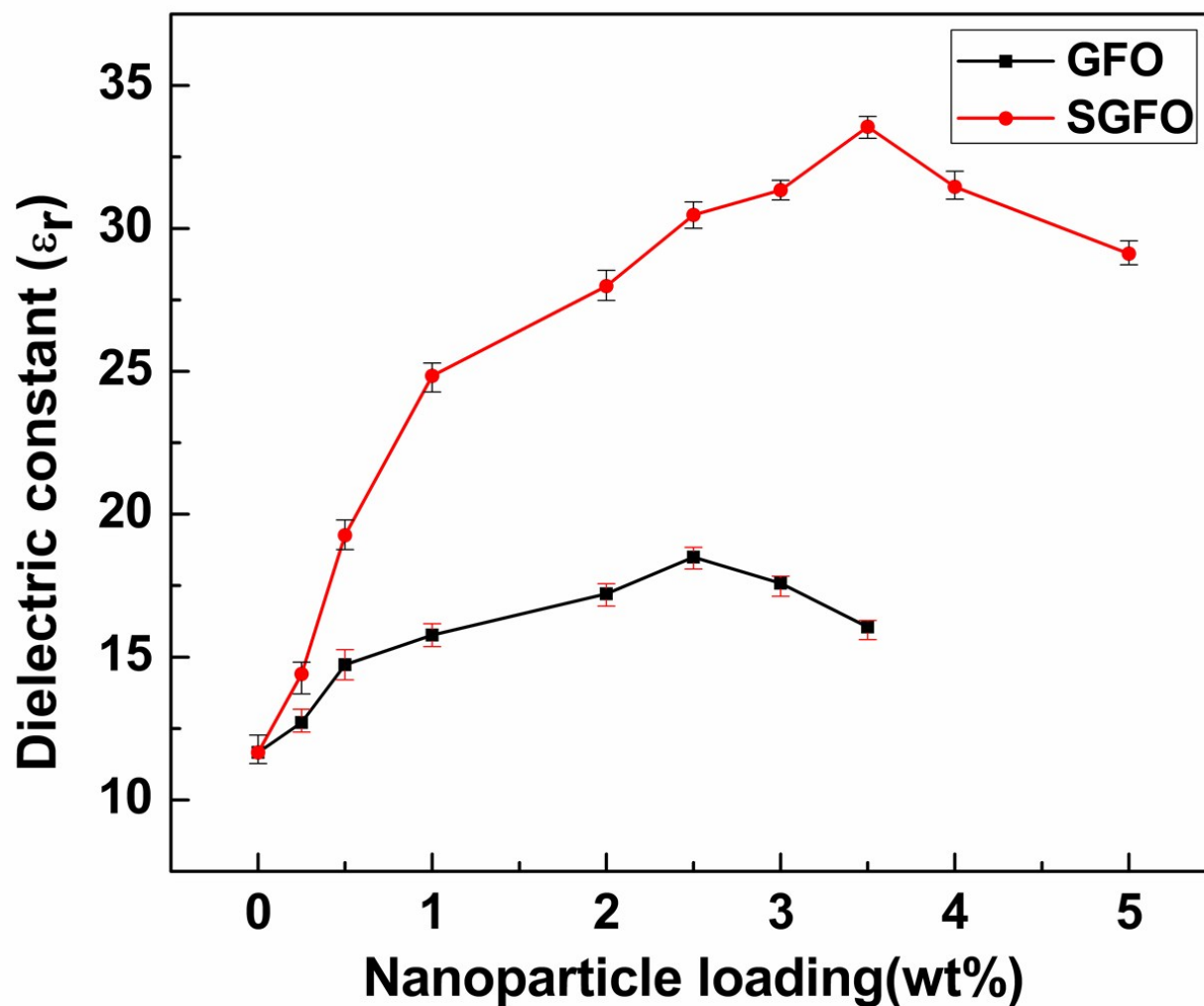


Fig. S2 Variation of breakdown strength GFO-PVDF composites and SGFO-PVDF composites.

