

Annealing and Stretching Induced High Energy Storage Properties in All-Organic Composite Dielectric Films

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Thermogravimetric analysis (TGA) of neat PHBV film was carried out on a NJKHTG-1, and the result was exhibited in Figure S1. The decomposition temperature of PHBV was detected to be ca. 250 °C. No decrease of the mass of the sample at ca. 150 °C (boiling point of DMF is 152.8 °C), suggesting the full drying of as-prepared PHBV film.

The cross-section SEM result of 80-15-5/PHBV-20 composite film was achieved by a JEOL JSM-6700F, as shown in Figure S2. No obvious phase separation was observed, suggesting high interface compatibility in the film.

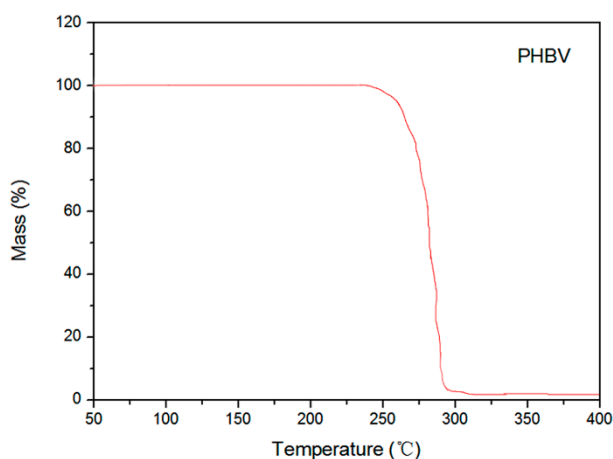


Figure S1. TGA result confirmed the full drying of as-prepared PHBV film.

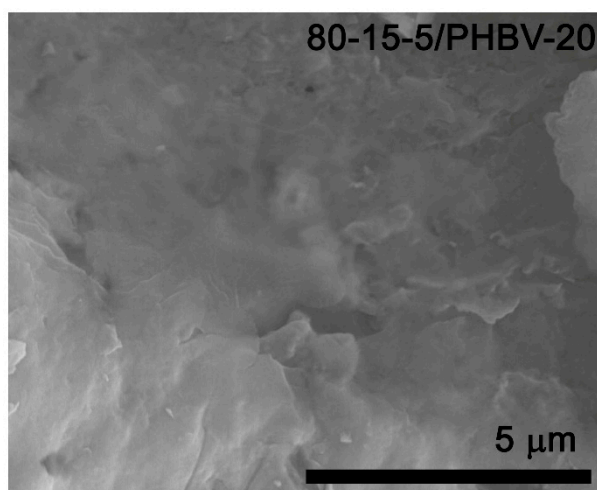


Figure S2. Cross-section SEM result of 80-15-5/PHBV-20 composite film.