

Supplementary material

Free Volume Dependence of Dielectric Constant of Poly(vinylidene fluoride) Nanocomposite Films

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AFFILIATIONS

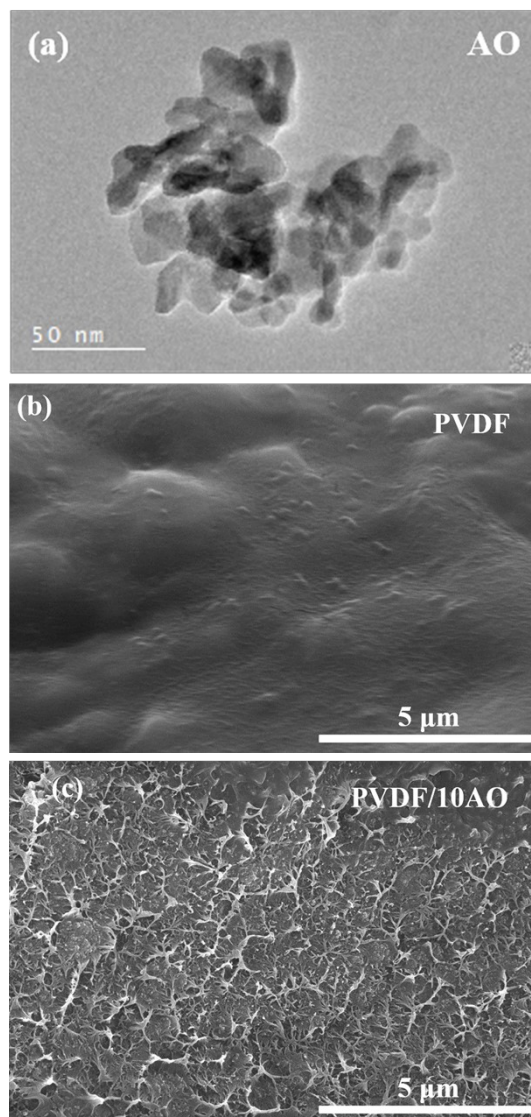
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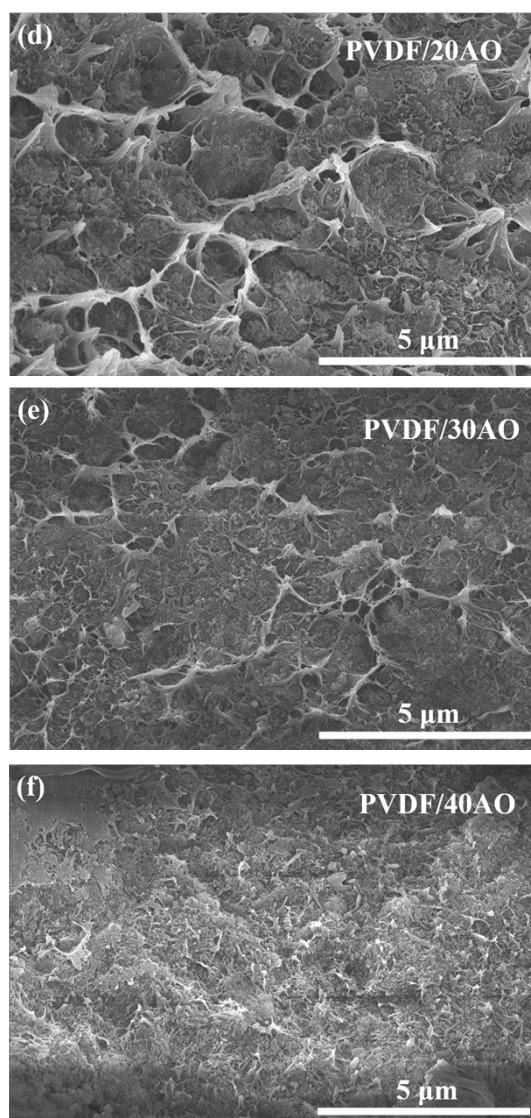


Figure S1. (a) TEM image of AO. SEM images of (b) pristine PVDF film, (c) PVDF/10AO composite film, (d) PVDF/20AO composite film, (e) PVDF/30AO composite film, (f) PVDF/40AO composite film.

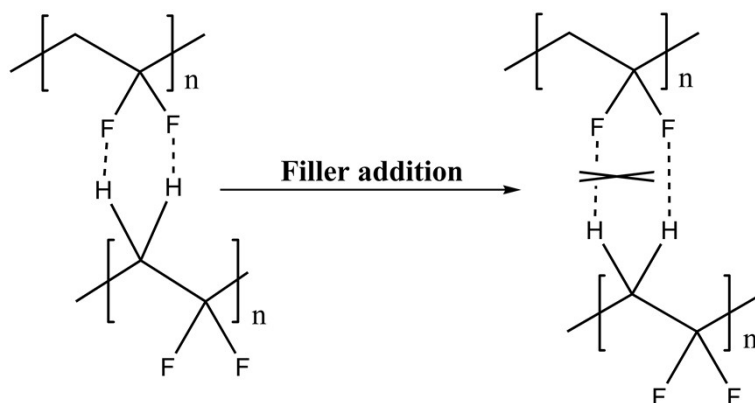


Figure S2. The diagram of weakening of intermolecular hydrogen bonding of PVDF composite film after filler addition. The scissor-shaped object in the right molecular formula indicates the weakening of intermolecular hydrogen bonding.