Electronic Supplementary Material (ESI) for RSC Advances.

Supporting information

Preparation and Characterization of a Transparent Amorphous Cellulose Film

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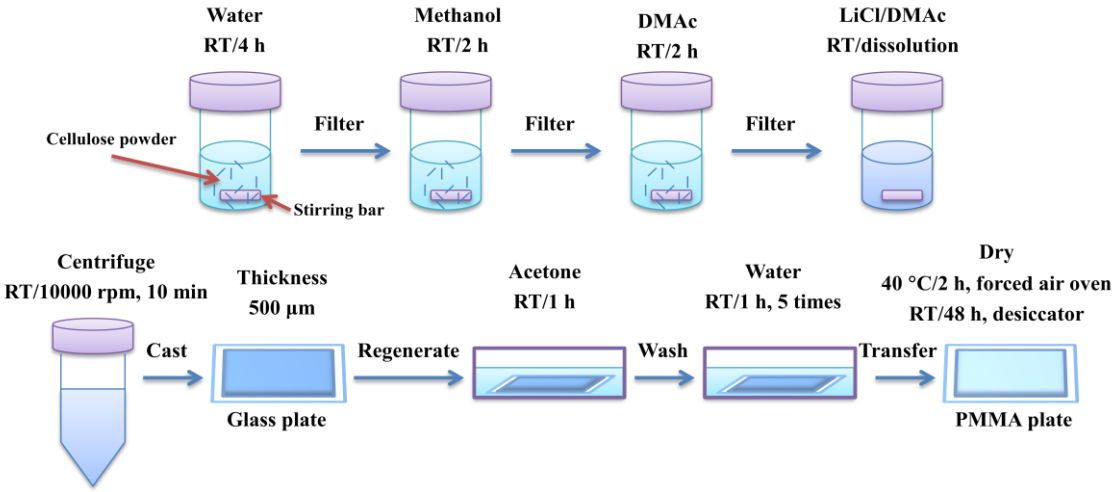
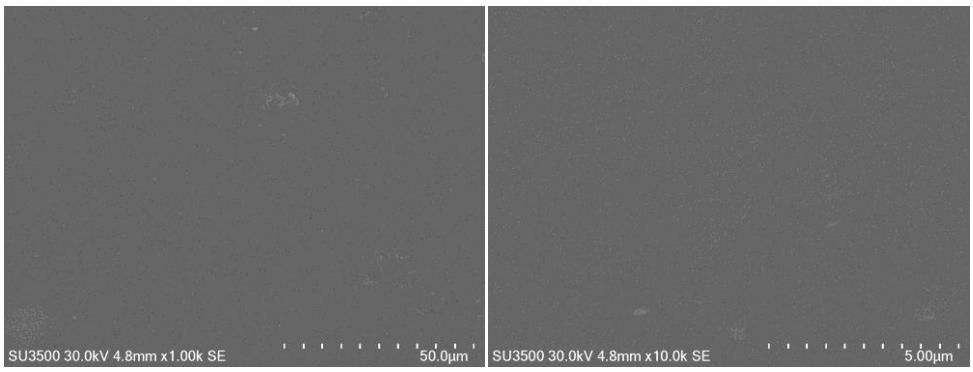
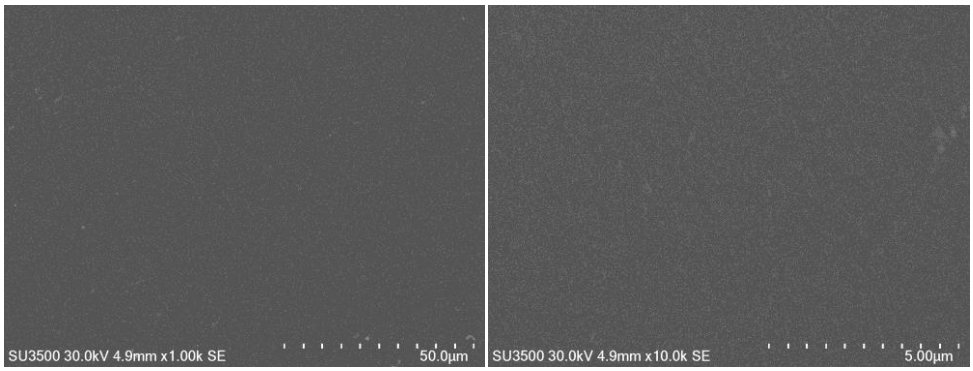


Figure S1. Preparation scheme of transparent cellulose film

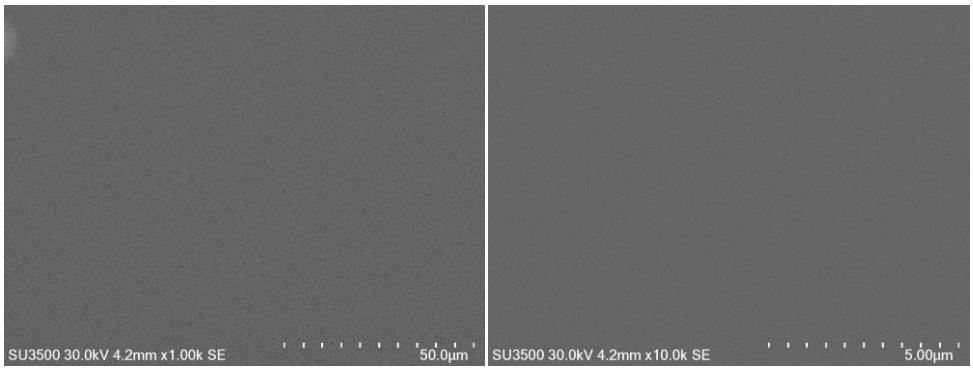
(a) BC 1%



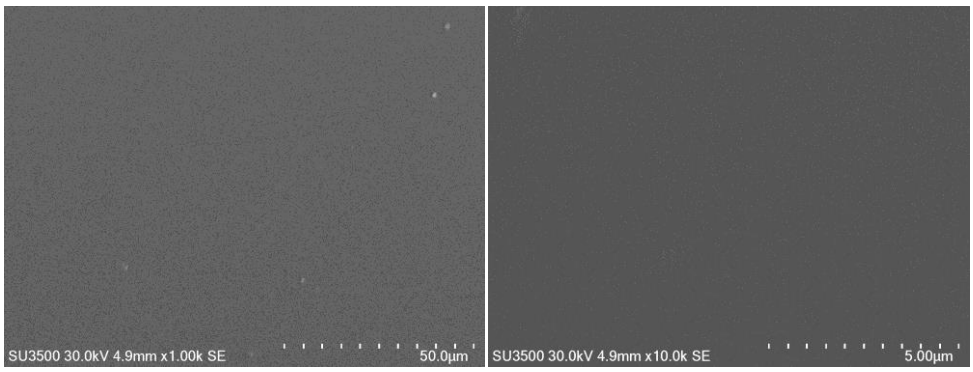
(b) Avicel 6%



(c) Merck 6%



(d) CF11 6%



(e) Cellophane

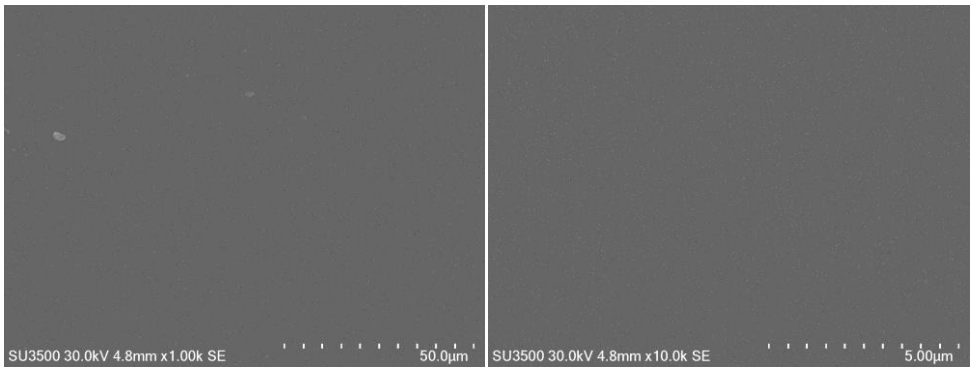


Figure S2. SEM micrographs of the surface of (a) BC 1% film, avicel 6% film, merck 6% film, CF11 6% film, and Cellophane.

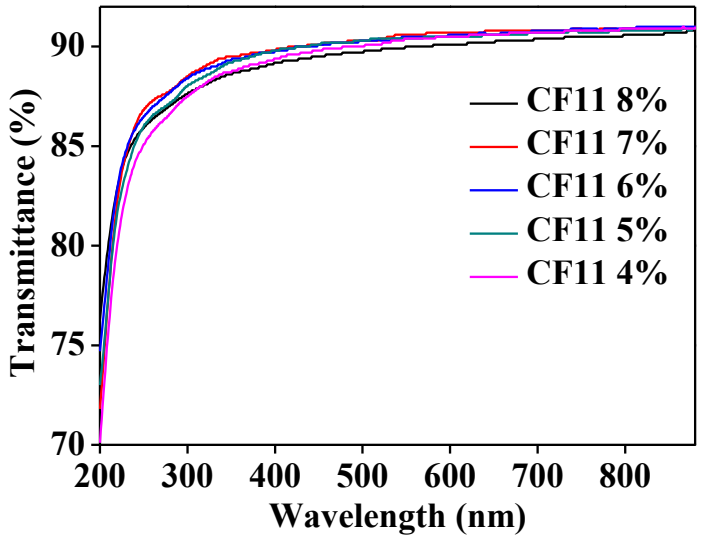


Figure S3. Transmittance of CF11 films prepared from different concentration at UV-visible wavelength region

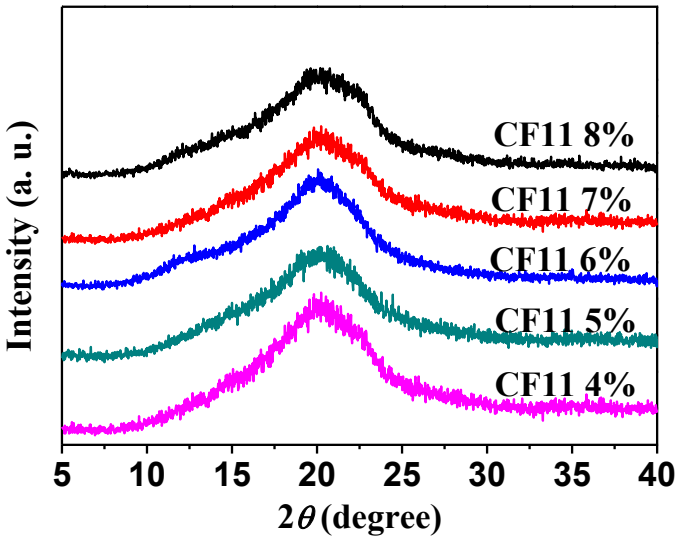


Figure S4. X-ray diffractions of CF11 films prepared from different concentration

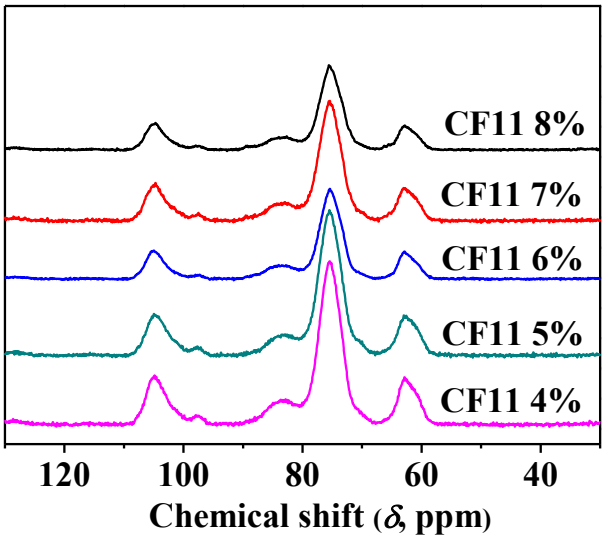


Figure S5. CP/MAS ^{13}C-NMR spectra of CF11 films prepared from different concentration

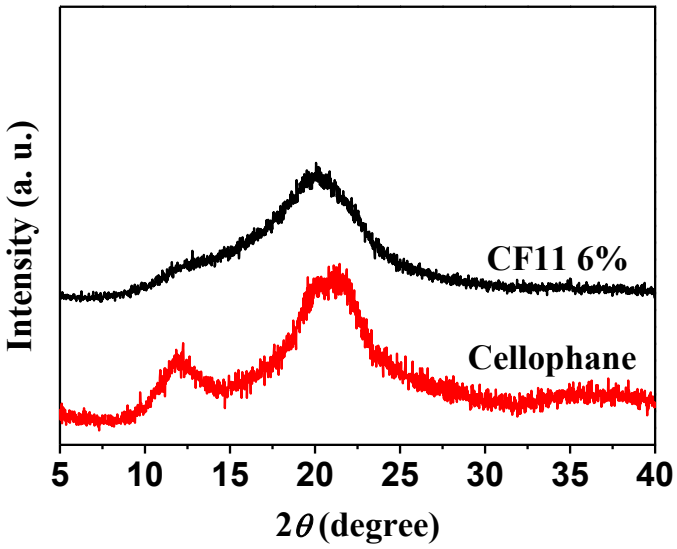


Figure S6. X-ray diffractions of CF11 6% and Cellophane

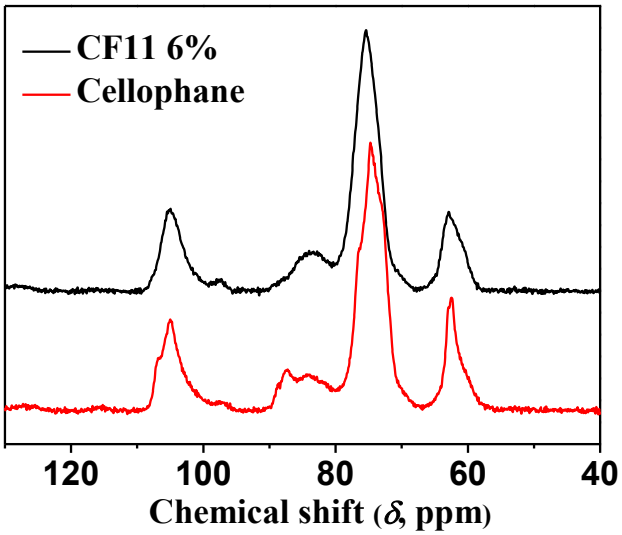


Figure S7. CP/MAS ^{13}C-NMR spectra of CF11 6% and Cellophane