Supplementary Information

Rapid Dissolving-Debonding Strategy for Optically Transparent Paper Production

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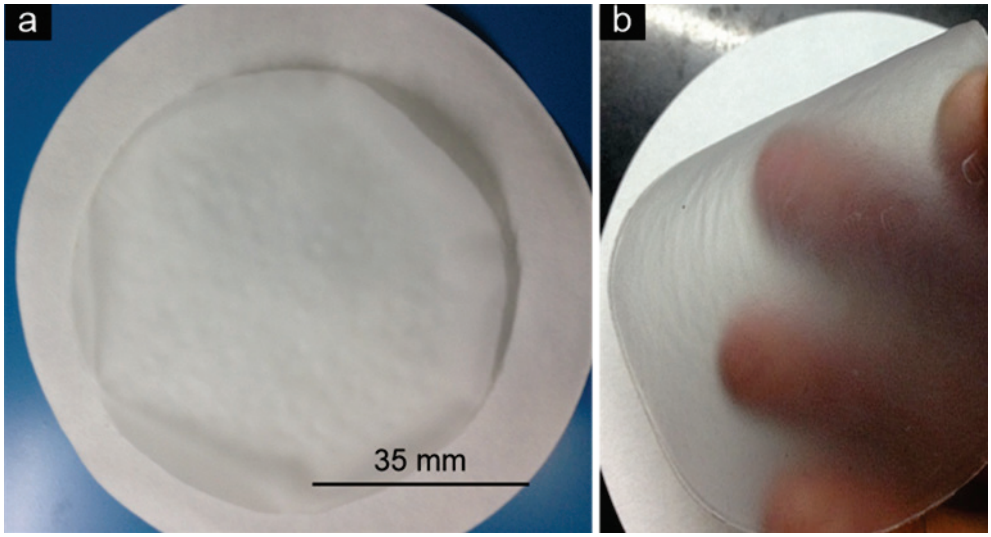


Figure S1. Digital photos of the fibrous mat made of the regenerative cellulose fibers. (a) The as-prepared fibrous mat after dewatering. (b) The free-standing fibrous mat can be handled easily.

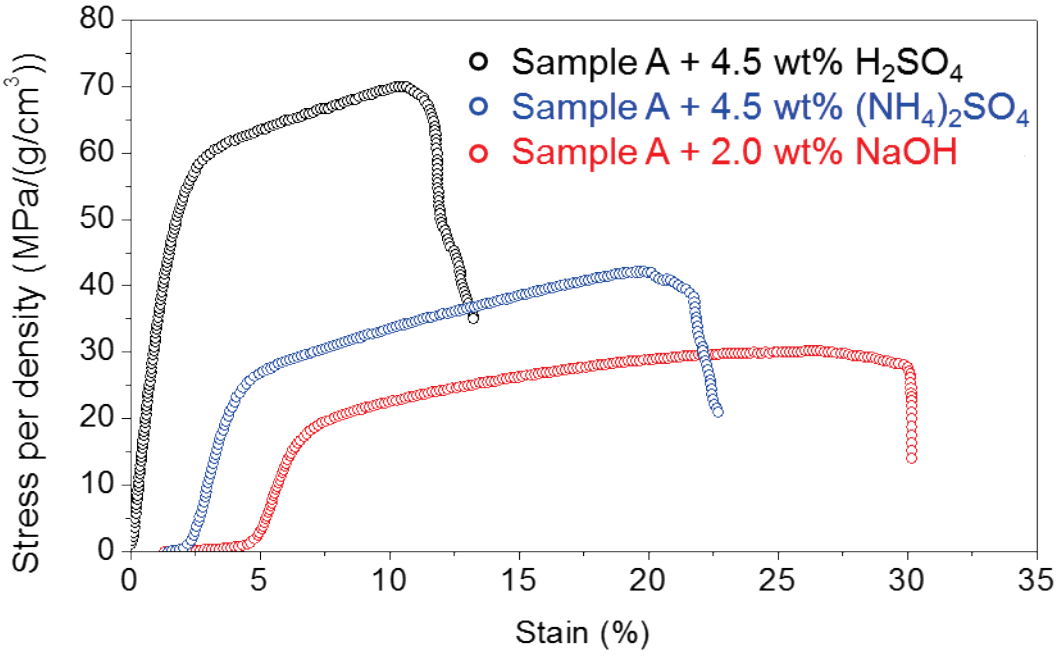


Figure S2. Tensile test results. The comparison of specific stress-strain curves for the transparent papers obtained from the RCFs regenerated in 4.5 wt% H_2SO_4 aqueous solution (Black hollow circle), 4.5 wt% $(NH_4)_2SO_4$ aqueous solution (Blue hollow circle), and 2.0 wt% NaOH aqueous solution (Red hollow circle).