

Supplementary Information

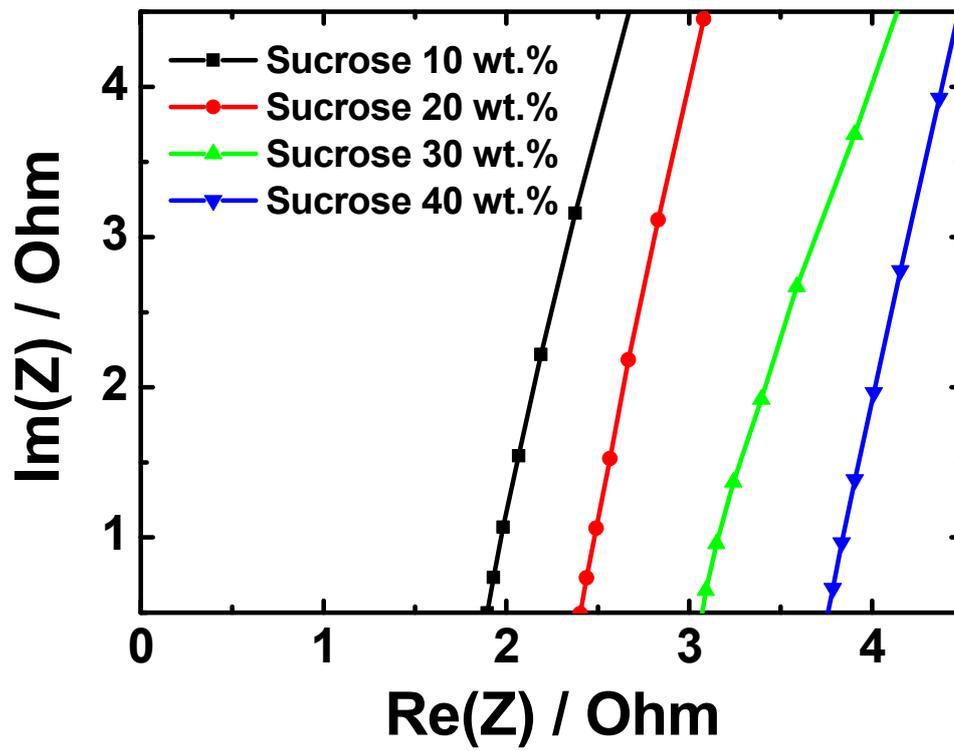
A Transparent Hydrogel-Ionic Conductor with High Water Retention and Self-Healing Ability

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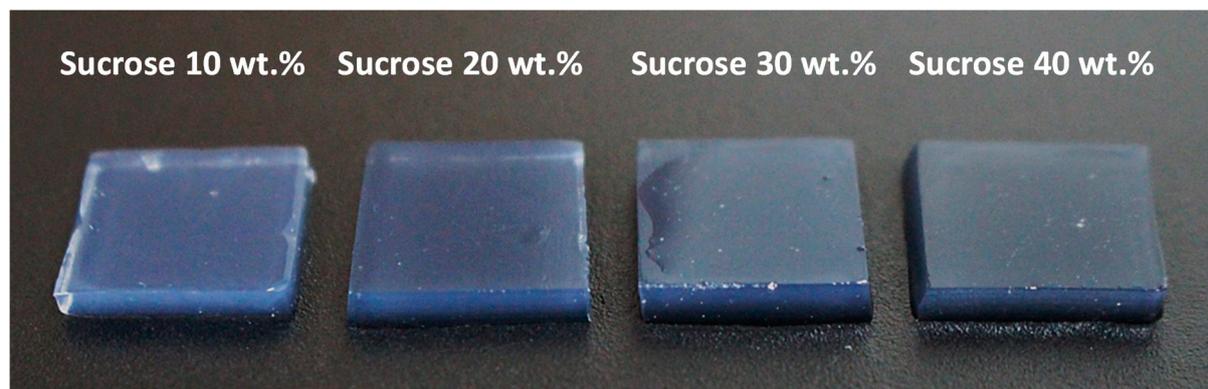
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Supplementary Figure S1. Nyquist plots of NaCl-Suc/A hydrogels with different sucrose concentrations. The concentration of NaCl is 2M. AC frequency range is 0.1 Hz–1000 kHz.



Supplementary Figure S2. Photograph of as-prepared NaCl-Suc/A hydrogels with different sucrose concentrations.