

Supporting Information

Fabrication of a Double-Network Hydrogel Based on Carboxymethylated Curdlan/Polyacrylamide with Highly Mechanical Performance for Cartilage Repair

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Results:

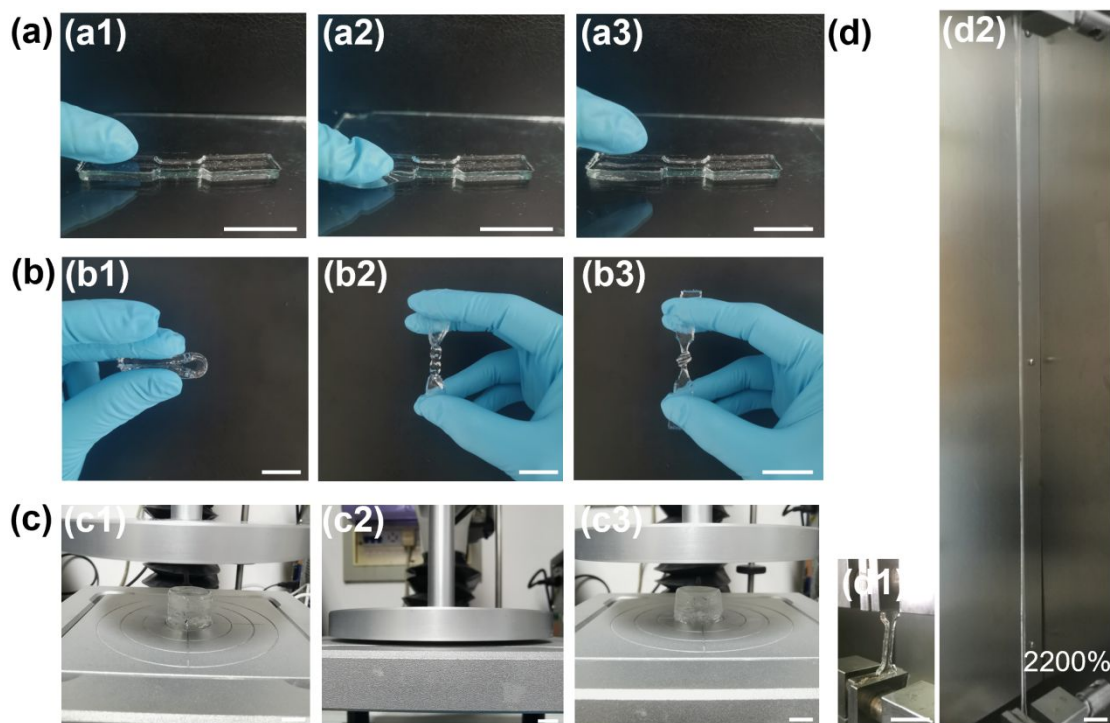


Figure S1 Visual images of the deformation and mechanical properties of PAAm SN hydrogel: (a1) original PAAm SN hydrogel with a dumbbell-shape; (a2) under compression; (a3) after compression; (b1) bending; (b2) twisting; (b3) knotting; (c1) original PAAm SN hydrogel with a cylinder-shape; (c2) at 95% compressive strain; (c3) recovery of the SN hydrogel; (d1) initial

state of the PAAm SN hydrogel with a dumbbell-shape; (d2) at 2200% tensile strain without break.

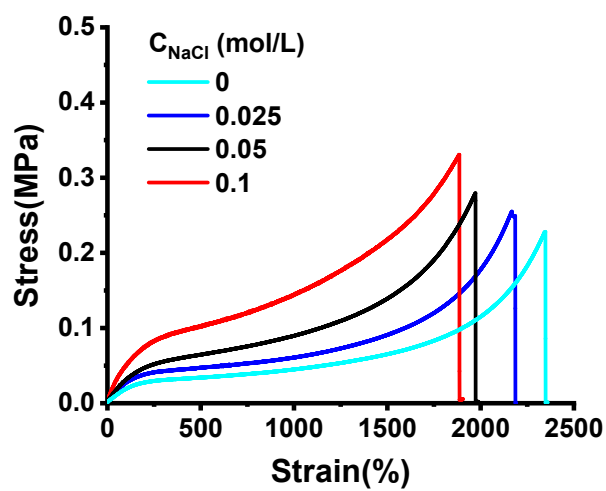


Figure S2. Tensile stress-strain curves of the CMCD/PAAm DN hydrogels at different initial concentrations of NaCl.