Supplementary Information

High-water-content Graphene oxide/Polyvinyl alcohol Hydrogel with Excellent Mechanical Properties

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Fig. 15. DMA spectra of (a) loss modulus (tan δ) of GO/PVA and PVA samples; (b) loss tangent (E"") of B-GO/PVA and B-PVA samples.
Fig. 2S. A TEM image of cross-sectional area of 0.2wt % B-GO/PVA hydrogel
Fig. 3S. Dynamic rheological properties of frequency sweeps of B-PVA and 0.1wt%B-GO/PVA hydrogels: $\gamma=0.1\%$, frequency range (0.01 to 100 rad/s)
Fig. 4S. Curves of mechanical properties of B-PVA and 0.05wt% B-GO/PVA hydrogels (water content ~98%): (a) tensile test; (b) compression; (c) dynamic shear