

Supplementary data for

Structure-property relationships of poly(2-acrylamido-2-methyl-1-propanesulfonic acid) cryogels

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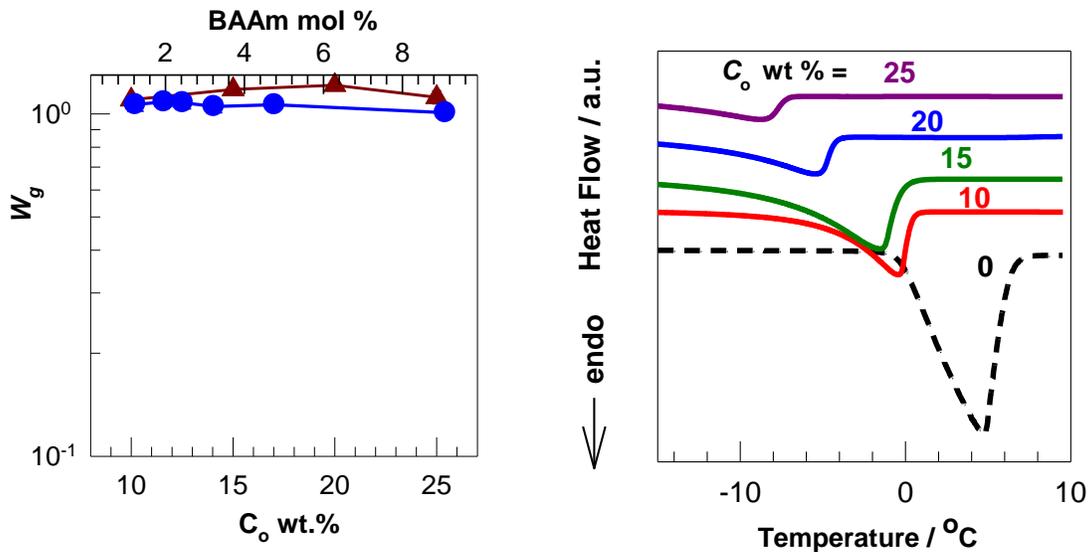


Figure S1 (left). Gel fraction W_g shown as functions of C_0 wt % (triangles) and BAAM mol % (circles). Gelation temperature = -18 °C.

Figure S2 (right). DSC scans of frozen AMPS + BAAM solutions at various monomer concentrations C_0 as indicated. The melting temperatures T_m shown in Figure 6a were calculated from the onset temperatures.

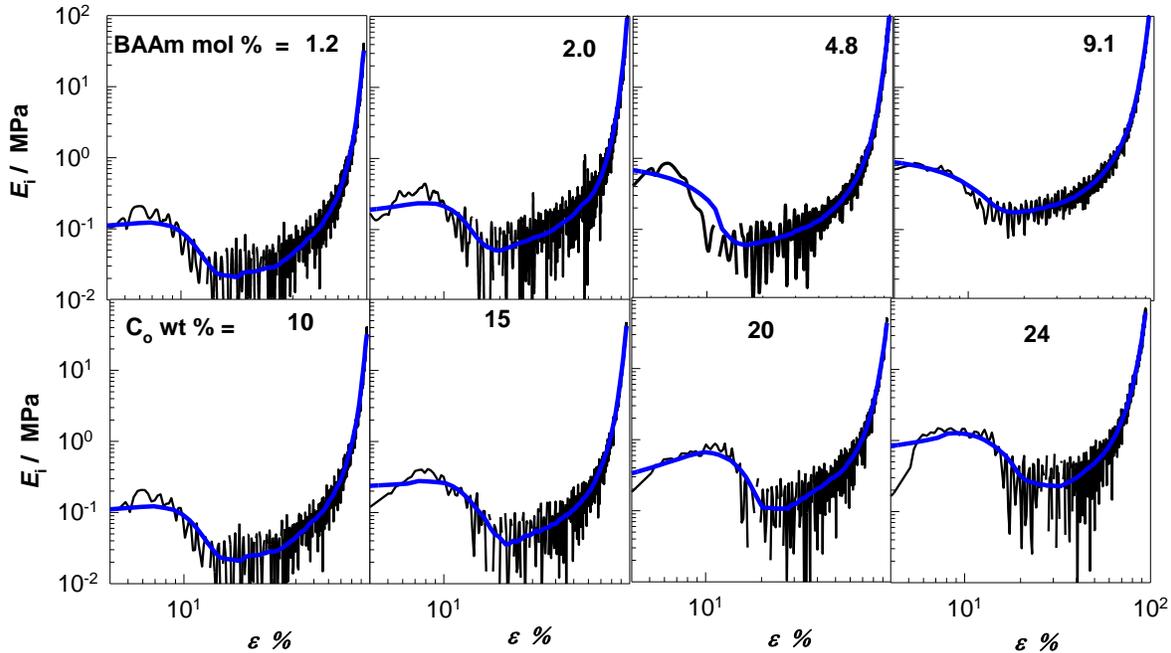


Figure S3: Instantaneous modulus E_i of the cryogels formed at various BAAM (upper panel) and monomer concentrations C_0 (bottom panel) plotted against the strain ϵ . The data are before (solid curves) and after the smoothing procedure (blue curves).

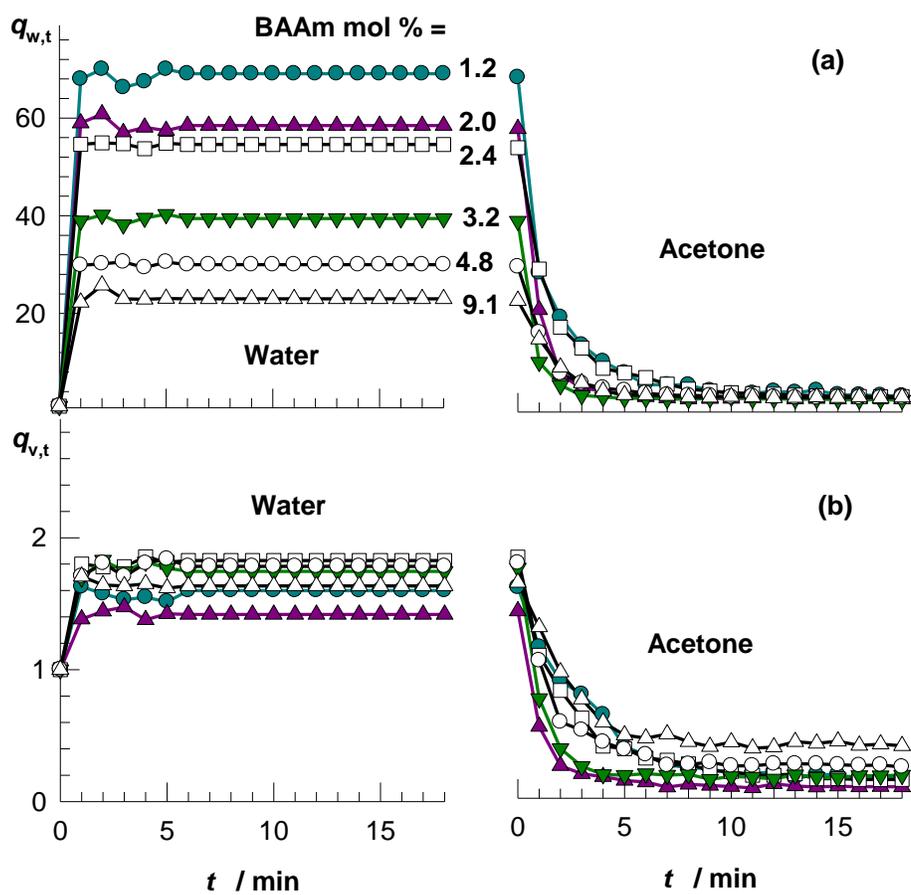


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