Supplementary data for

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

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Figure S2. DSC scans of frozen AMPS + BAAm solutions at various concentrations $C_o$ 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 (bottom panel) plotted against the strain $\varepsilon$. The data are before (solid curves) and after the smoothing procedure (blue curves).

Figure S4. Swelling and deswelling of PAMPS hydrogels in water and acetone, respectively. Weight $q_{w,t}$ (a) and volume swelling ratios $q_{v,t}$ (b) are shown as a function of time $t$. BAAm concentration is indicated. $C_o = 10$ wt %.
Figure S1 (left). Gel fraction $W_g$ shown as functions of $C_o$ wt % (triangles) and BAAsM mol % (circles). Gelation temperature = -18 °C.

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

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