

Supplementary Information

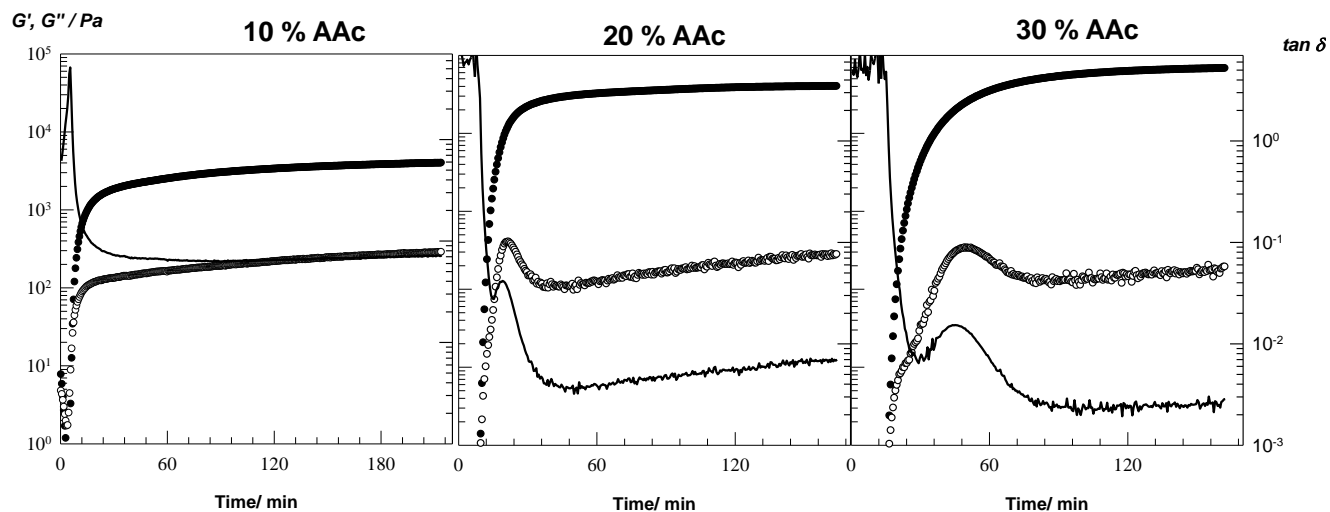


Fig. S1. G' (filled symbols), G'' (open symbols) and $\tan \delta$ (curves) during the free radical crosslinking copolymerization of AAc and BAAM in 20 % F127 solutions. AAc content in the feed as indicated. $X = 1/50$. Temperature = 25°C. $\omega = 1$ Hz. $\gamma_0 = 0.01$.

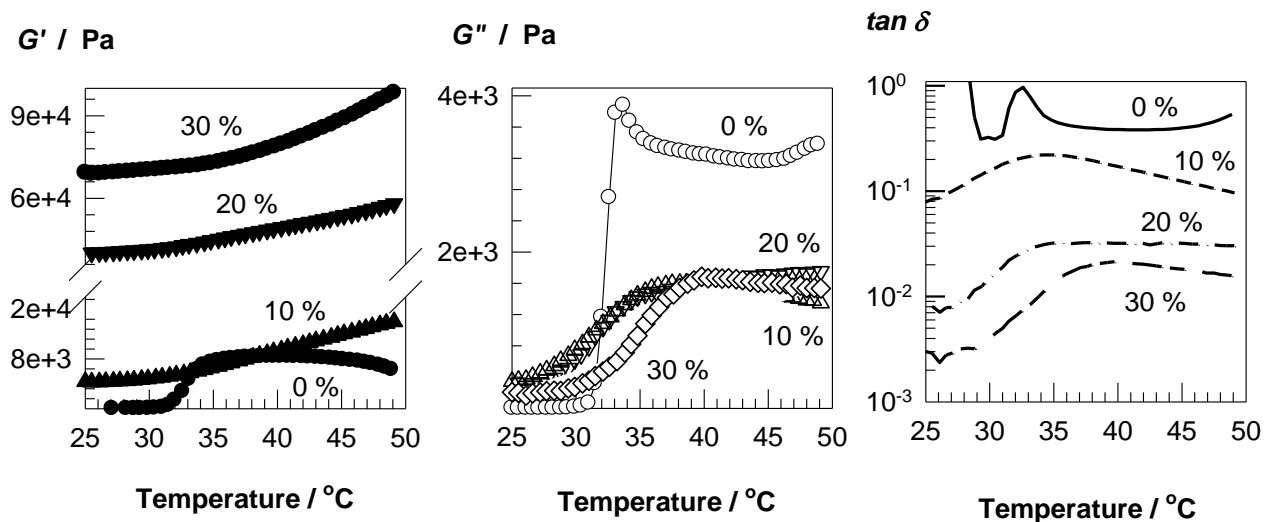


Fig. S2. G' , G'' , and $\tan \delta$ of IPN hydrogels during heating from 25 to 50°C. AAc % of the hydrogels as indicated. 0 % stands for 20 % F127 solution. $\omega = 1$ Hz. $\gamma_0 = 0.01$.

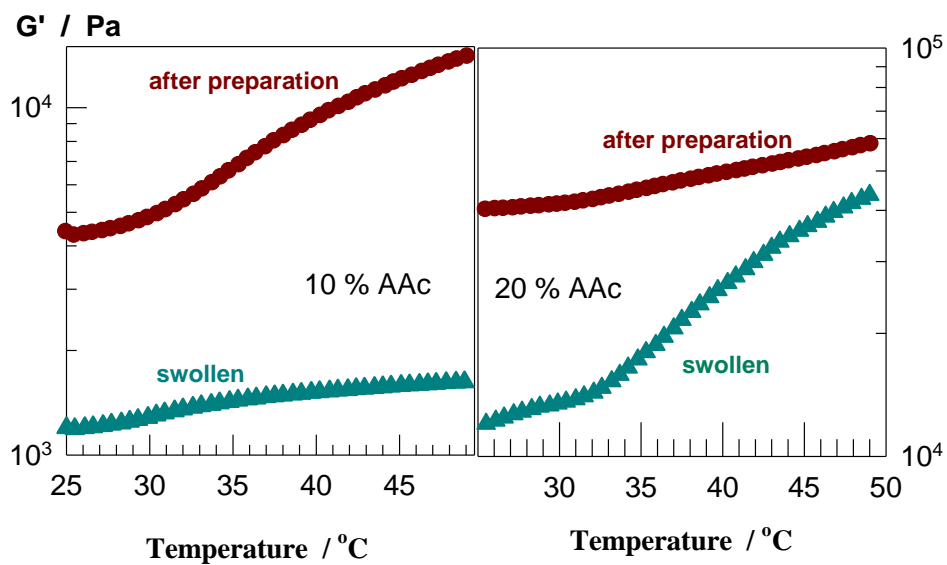


Fig. S3. G' of IPN hydrogels just after their preparation (circles) and after equilibrium swelling in water (triangles) during heating from 25 to 50 $^{\circ}\text{C}$. F127 = 20 %. AAc = 10 (left) and 20 w/v % (right).