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°C. F127 = 20 %. AAc = 10 (left) and 20 w/v % (right).