

Tailoring Mechanical Properties through Coronal Layer Overlap in Tethered Micelle Hydrogel Networks

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Supporting Information

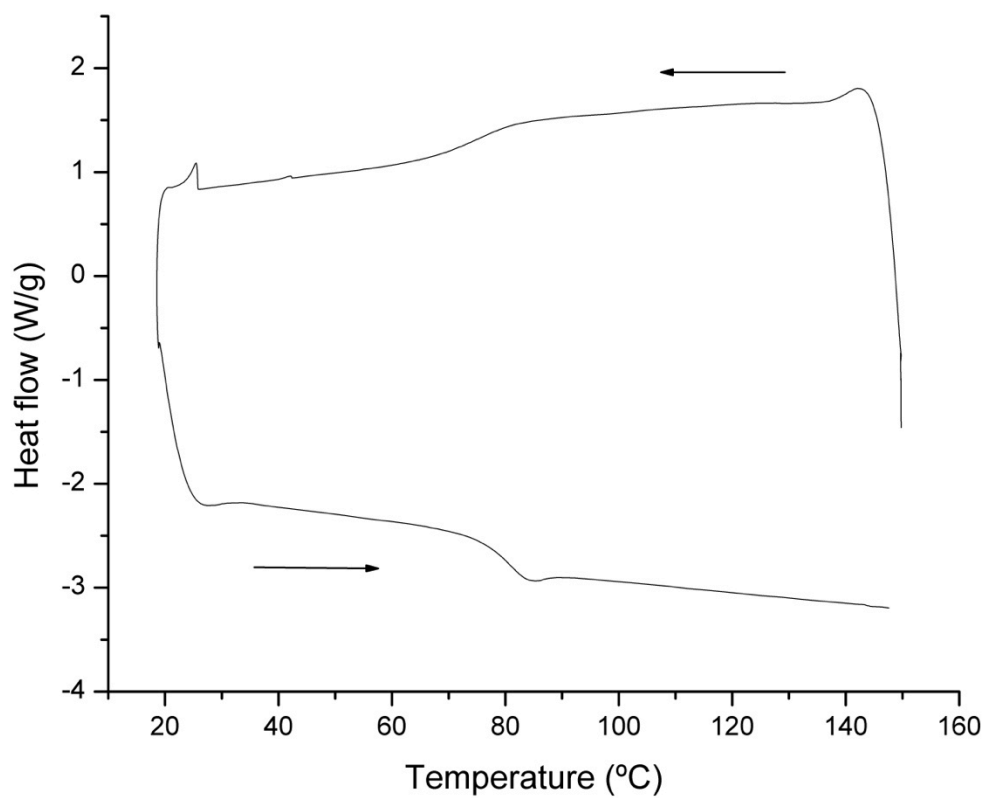


Figure S1. DSC of polystyrene homopolymer (S-OH) with molecular weight of 8390 g mol⁻¹.

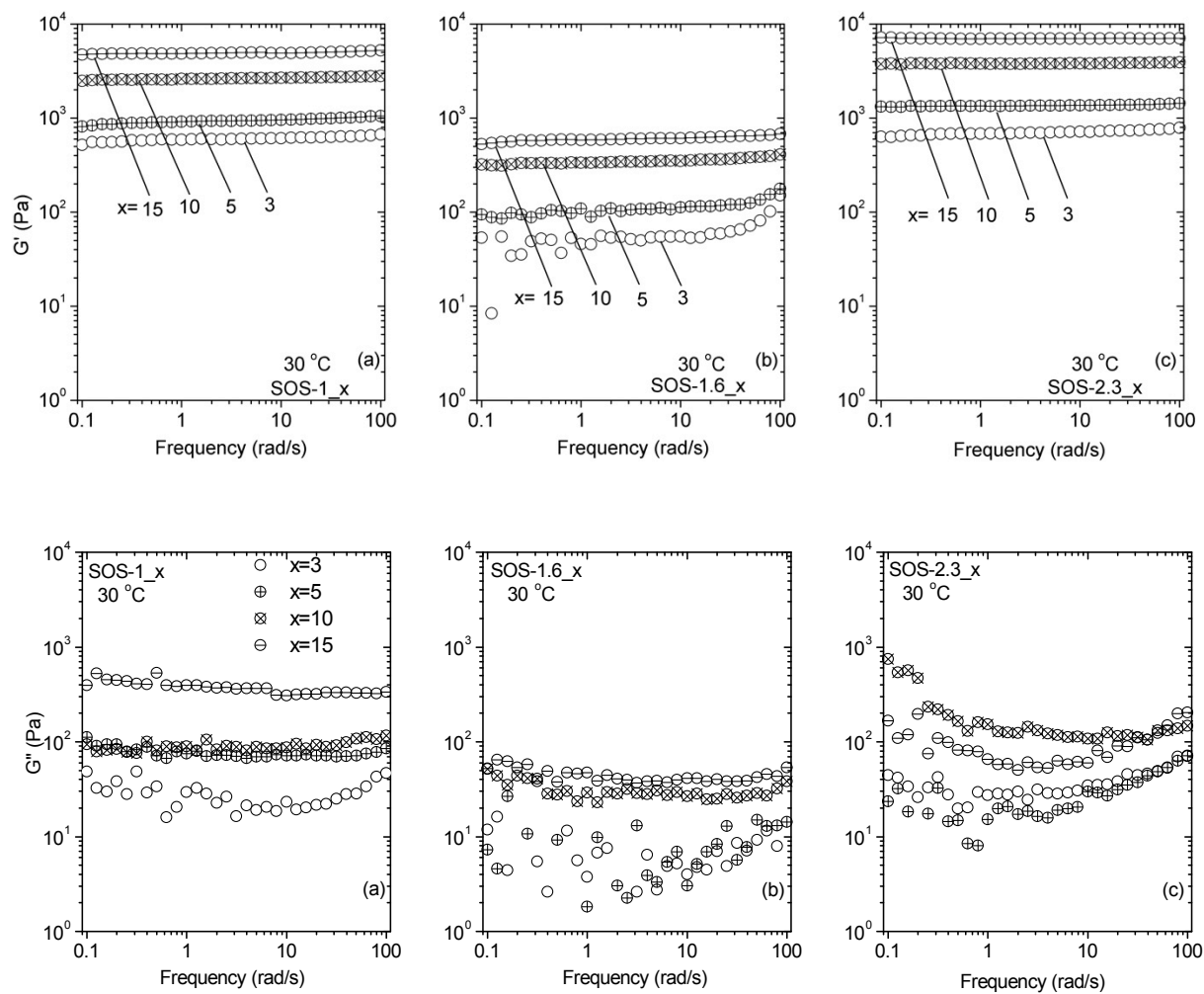


Figure S2. Expanded version of Figure 6 in the main text. Complete dynamic frequency sweeps comparing both G' and G'' for hydrogels based on combinations of SO-1 with (a) SOS-1, (b) SOS-1.6, and (c) SOS-2.3 at 30 °C. "x" denotes the mol% SOS-Y triblock copolymer in the network.

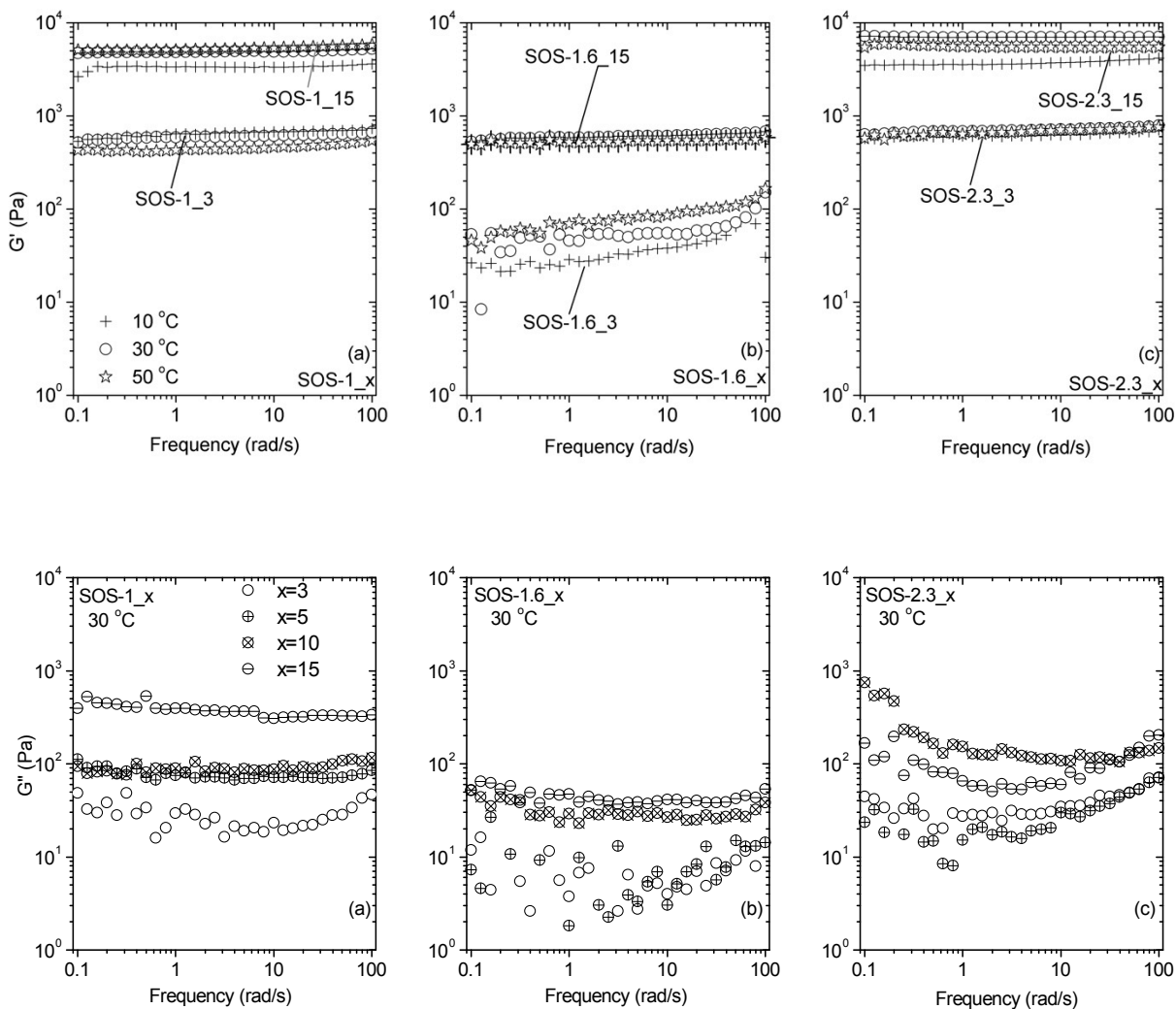


Figure S3. Expanded version of Figure 7 in the main text. Complete dynamic frequency sweeps comparing both G' and G'' for hydrogels based on combinations of SO-1 with (a) SOS-1, (b) SOS-1.6, and (c) SOS-2.3 at 10, 30, and 50 °C. Data only for hydrogels containing 3 mol% and 15 mol% SOS-Y triblock copolymer in the network are shown.