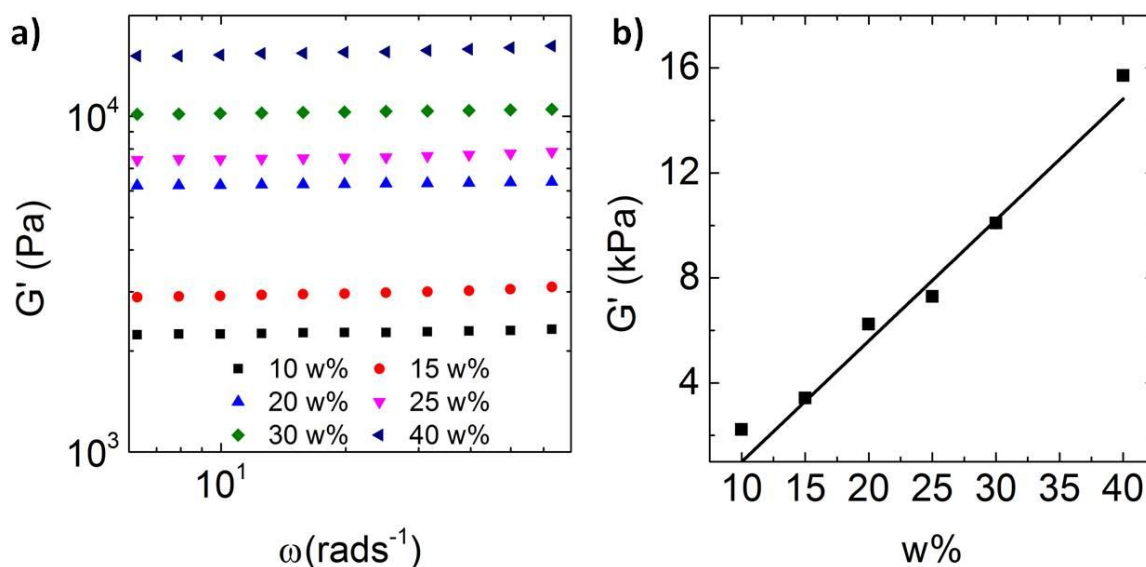


ESI Fig. 1. Images of spherically-tipped indenters. Rows 1 and 2 show indenters fabricated by gluing beads (no scale bars, labels indicate sphere radii), while row 3 shows indenters pulled and annealed in a microforge (scale bars indicate 1 mm, labels indicate tip radii).



ESI Fig. 2. Shear rheology of triblock copolymer gels. (a) Parallel-plate shear rheology of $A_{25} B_{116} A_{25}$ gels. Storage modulus is plotted versus angular frequency between 1 and 10 Hz. (b) Storage modulus, G' , averaged between 1 and 10 Hz versus weight percent polymer for $A_{25} B_{116} A_{25}$ gels.

