

Supporting Information for:
Rheological Studies of Thermo-responsive Diblock Copolymer Worm Gels

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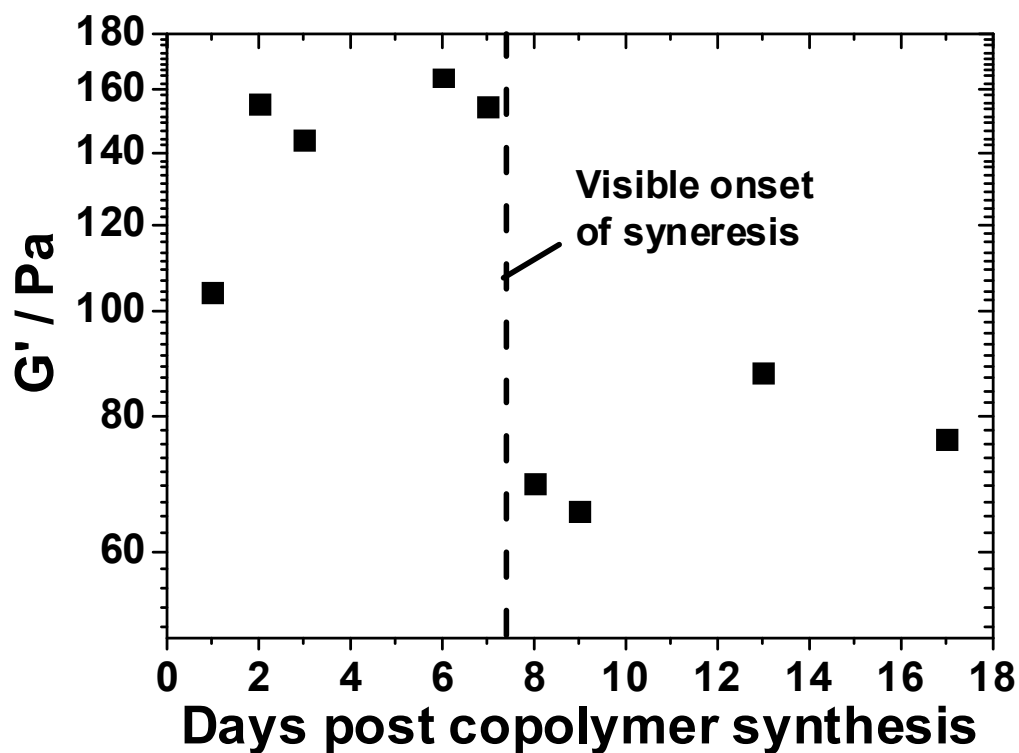


Figure S1. An example of the highly erratic storage moduli, G' , observed for a 10 w/w % G_{54} - H_{140} diblock copolymer worm gel on standing at 20 °C. The vertical dashed line indicates the onset of syneresis (i.e. the visible expulsion of bulk water from the free-standing gel). This phase separation is observed for many copolymer worm gels after long-term storage at 20 °C.

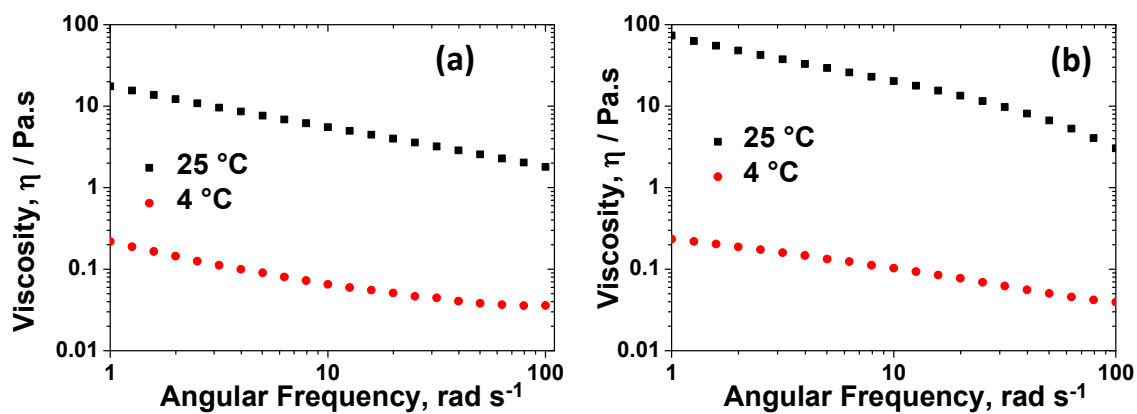


Figure S2. A double logarithmic plot of solution viscosity against angular frequency for 10 w/v % aqueous dispersions of (a) PGMA₅₄-PHPMA₁₄₀ and (b) PGMA₅₄-PHPMA₁₆₀ diblock copolymer worms recorded using 10 % applied strain at 4 °C and 25 °C. A *linear* plot of the data shown in the above Figure is depicted in Figure 9 (see main manuscript).