

CO₂-responsive self-healable hydrogels based on hydrophobically-modified polymers bridged by wormlike micelles

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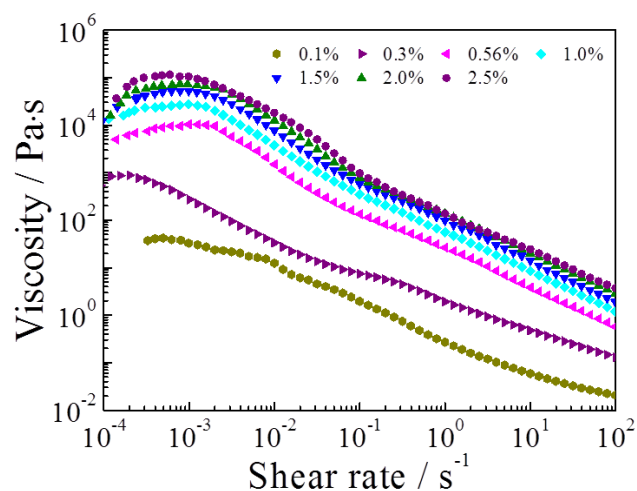


Figure S1. Viscosity *versus* shear rate plots for the HMPAM hydrogel with various polymer weight percentages.

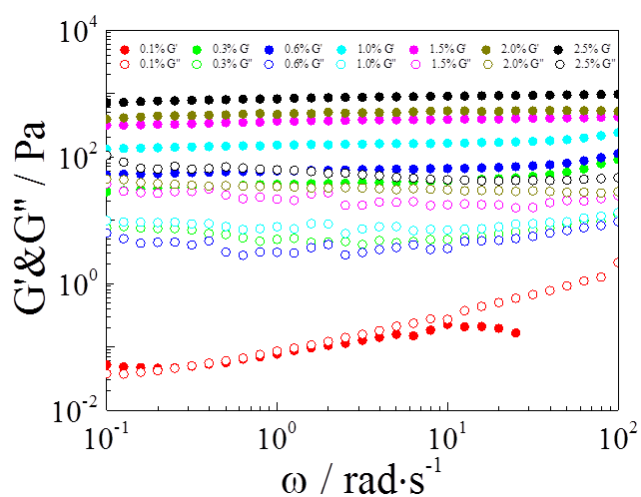


Figure S2. Linear viscoelastic modulus, G'(ω) and G''(ω), for the HMPAM hydrogel with various polymer weight percentages.

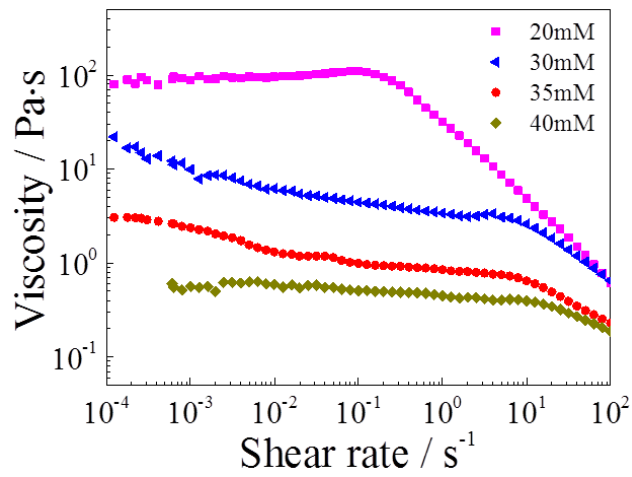


Figure S3. Viscosity *versus* shear rate plots for the HMPAM hydrogel with various concentrations of SDS/TMPDA before bubbling CO₂.

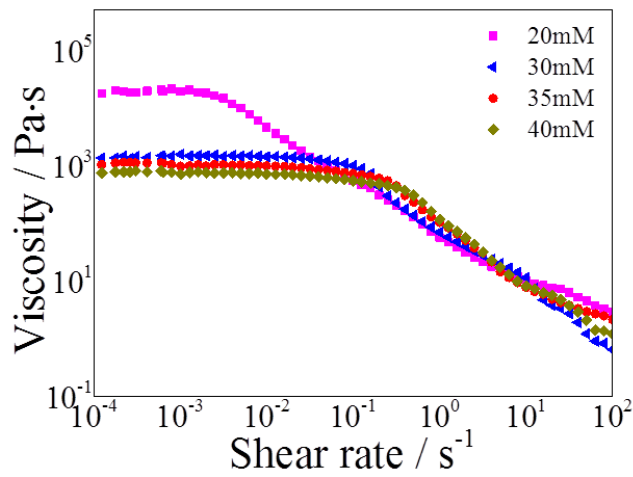


Figure S4. Viscosity *versus* shear rate plots for the HMPAM hydrogel with various concentrations of SDS/TMPDA after bubbling CO₂.

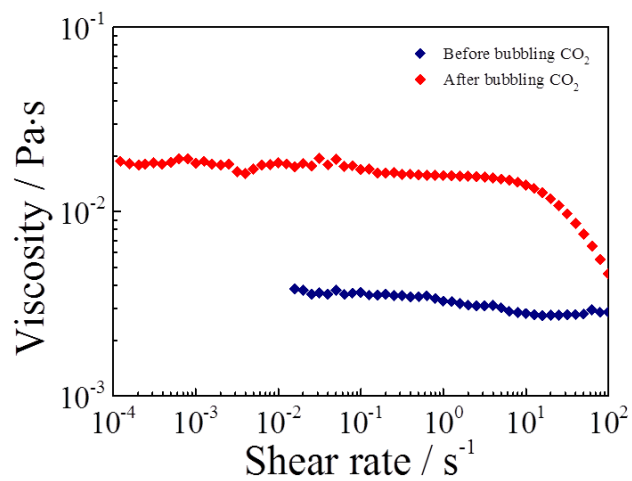


Figure S5. Viscosity *versus* shear rate plots for 35mM SDS/TMPDA solution before and after bubbling CO₂.

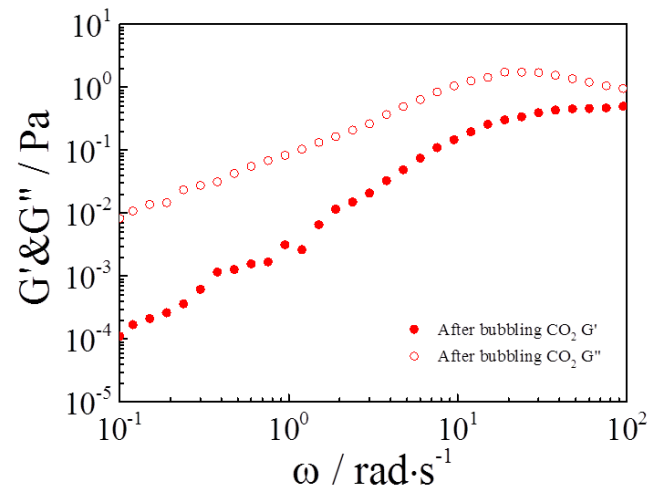


Figure S6. Linear viscoelastic modulus, $G'(\omega)$ and $G''(\omega)$, for 35mM SDS/TMPDA solution after bubbling CO_2 .