

Tough and Self-Healing Waterborne Polyurethane Elastomers via Hydrogen Bonds and Oxime-Carbamate Design for Wearable Flexible Strain Sensors

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Table S1 Composition of reactants for the synthesis of DxAyWPU (mmol)

试样编号	IPDI	PTMG	DMPA	DMG	AGM	TEA
D ₁₀ A ₀ WPU	77.00	25.00	30.00	22.00	0.00	30.00
D ₈ A ₂ WPU	77.00	25.00	30.00	17.60	4.40	30.00
D ₆ A ₄ WPU	77.00	25.00	30.00	13.20	8.80	30.00
D ₄ A ₆ WPU	77.00	25.00	30.00	8.80	13.20	30.00
D ₂ A ₈ WPU	77.00	25.00	30.00	4.40	17.60	30.00
D ₀ A ₁₀ WPU	77.00	25.00	30.00	0.00	22.00	30.00



Fig S1 Color and appearance of DxAyWPU emulsions.

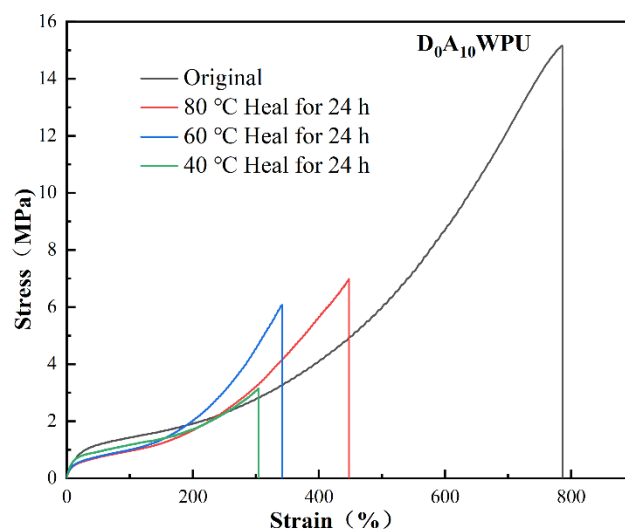


Fig S2 Stress-strain curves of D₀A₁₀WPU healed for 24 hours at 40 °C, 60 °C, 80 °C.

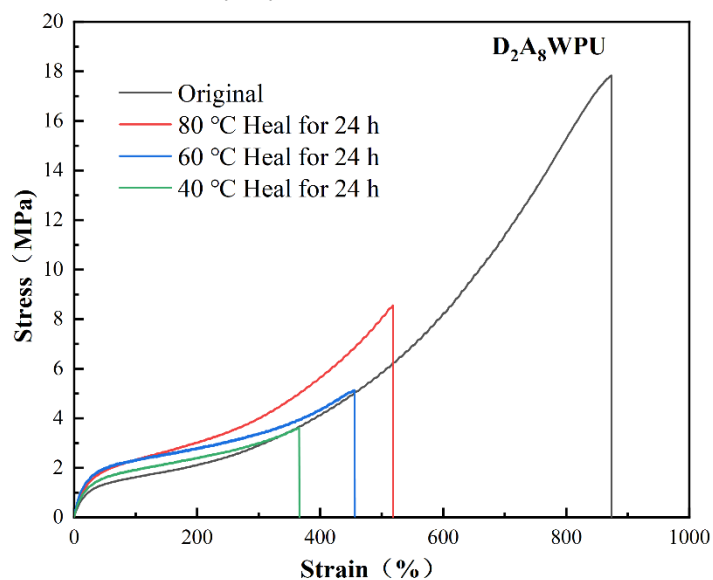


Fig S3 Stress-strain curves of D₂A₈WPU healed for 24 hours at 40 °C, 60 °C, 80 °C.

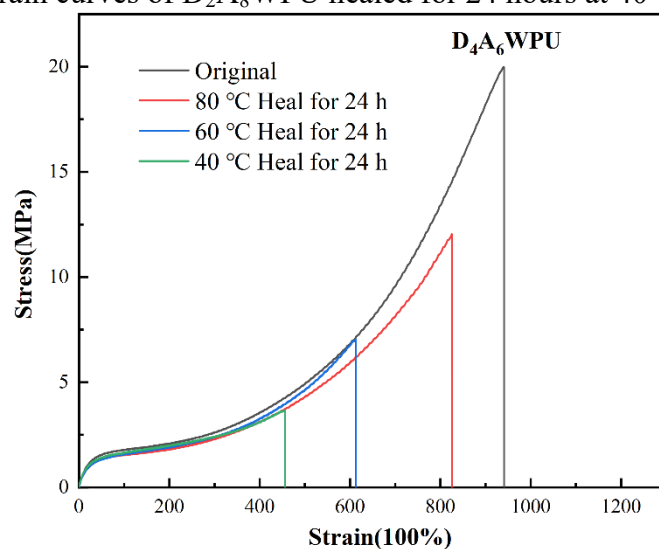


Fig S4 Stress-strain curves of D₄A₆WPU healed for 24 hours at 40 °C, 60 °C, 80 °C.