

Supporting information

Self-healable and reprocessable silicon elastomers based on imine-boroxine bonds for flexible strain sensor

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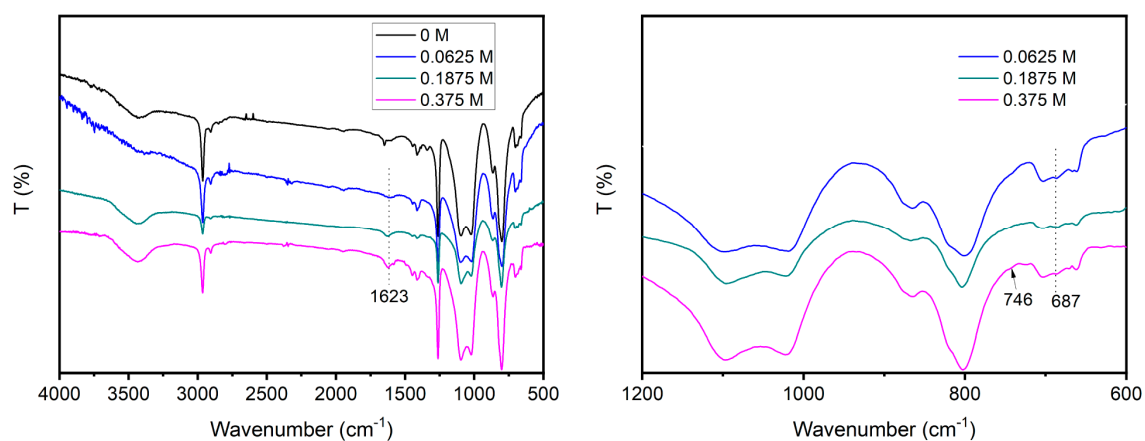


Figure S1. FT-IR spectra of PDMS elastomer with different APB content.

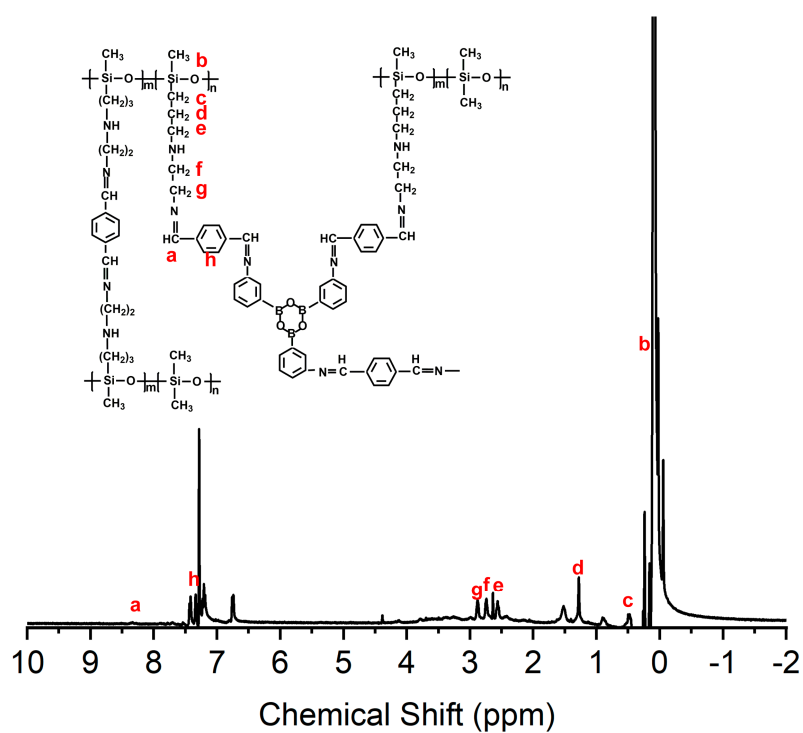


Figure S2. ^1H NMR spectra of PDMS elastomer.

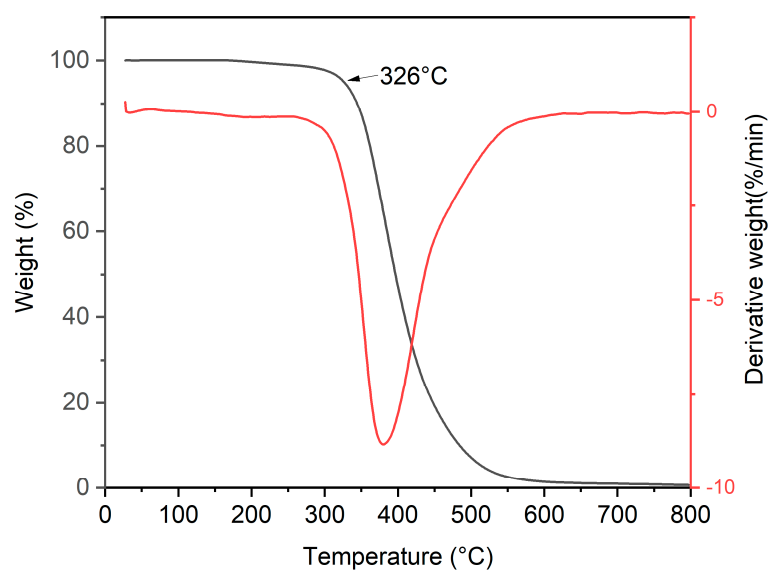


Figure S3. TGA curves of PDMS elastomer.

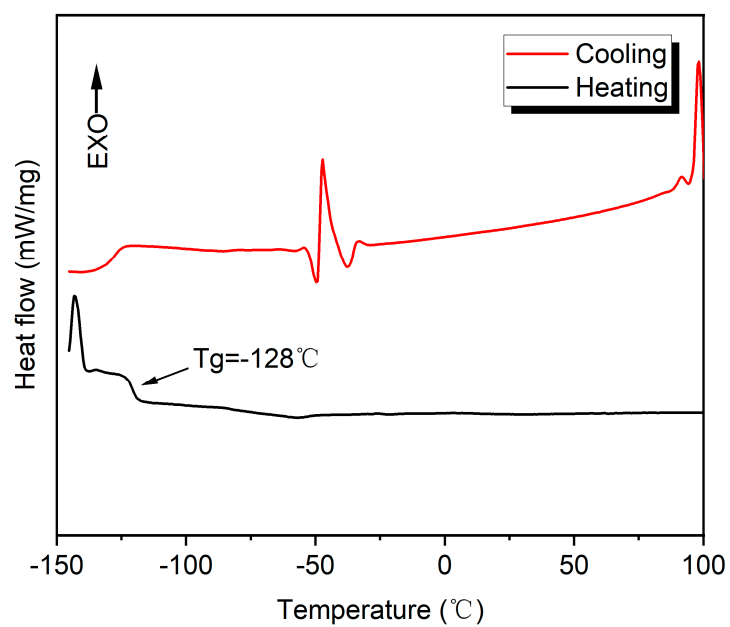


Figure S4. DSC traces of PDMS elastomer.

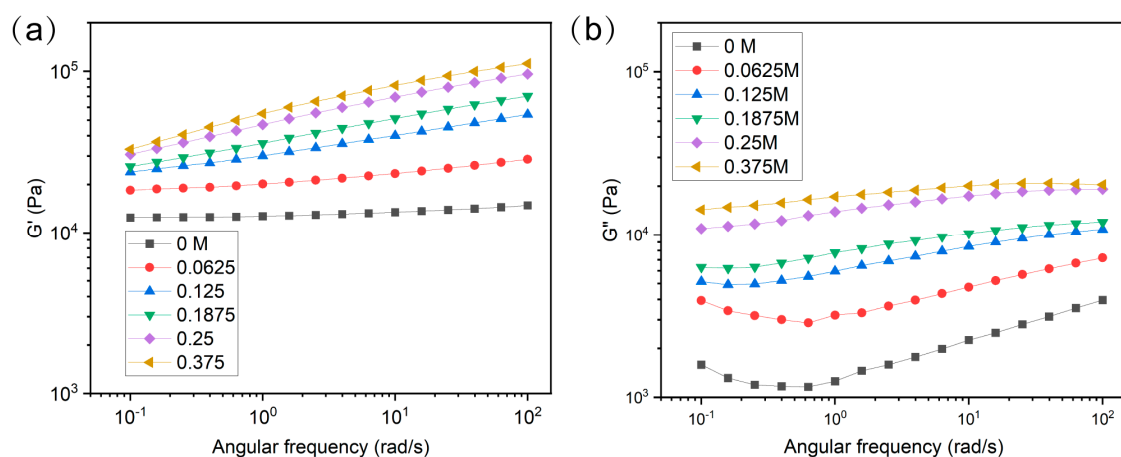


Figure S5. (a) Storage modulus (G') and (b) loss modulus (G'') against frequency for PDMS elastomer with different APB concentration.

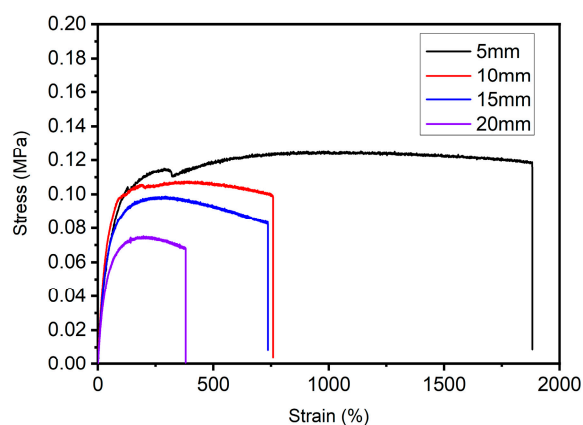


Figure S6. Stress-strain curves of the elastomer with different gage length.

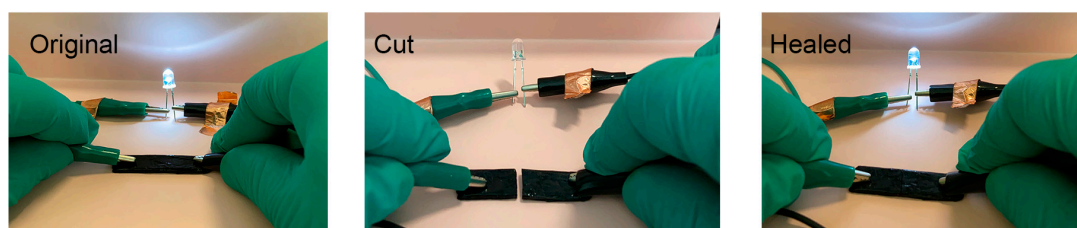


Figure S7. The electrical healing process of PDMS/CNT elastomer.