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## Supplementary

## Non-Arrhenius evidence of EPDM rubber by combing Arrhenius with time-temperature superposition (TTS)

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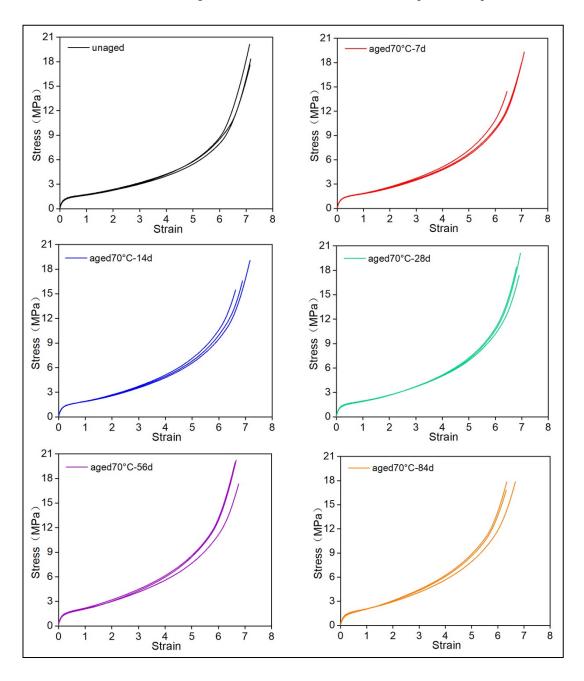
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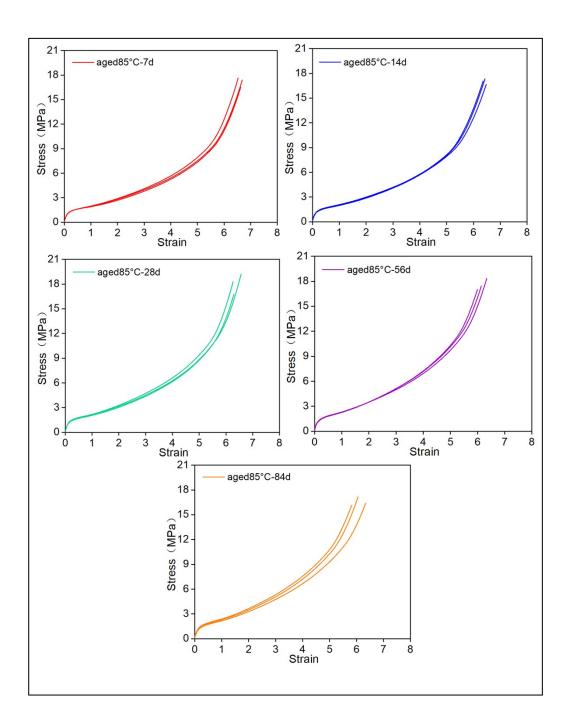
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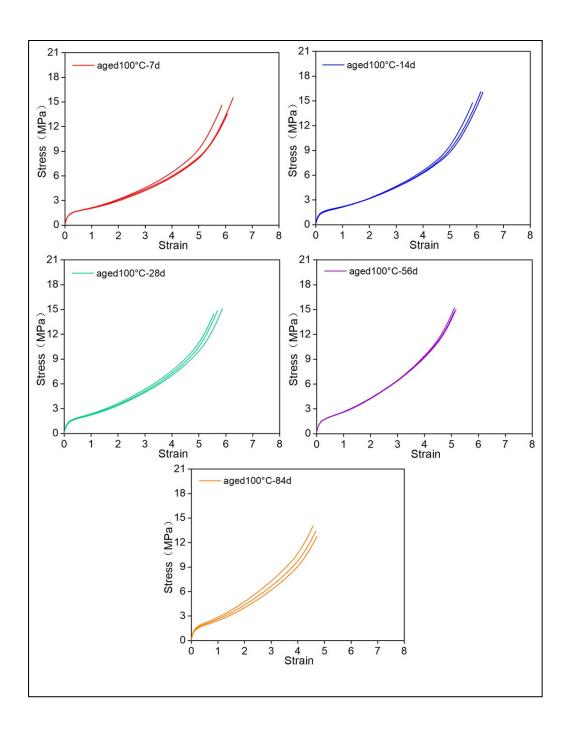
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In our study, three specimens are tested under each aging condition. Thus, three repeated specimens are tested in the uniaxial tensile tests. Fig. S1 shows the stress-strain results of the uniaxial tensile tests, and each figure contains the results of the three duplicate samples.







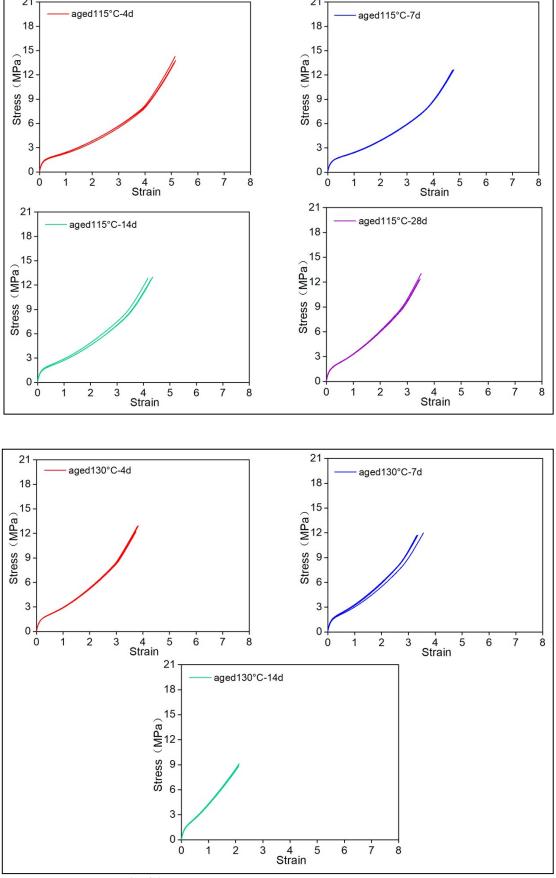


Fig. S1 The stress-strain curves of the unaged and aged rubbers.