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Deformation mechanisms of thermoplastic elastomers: Stress-strain behavior and constitutive modeling

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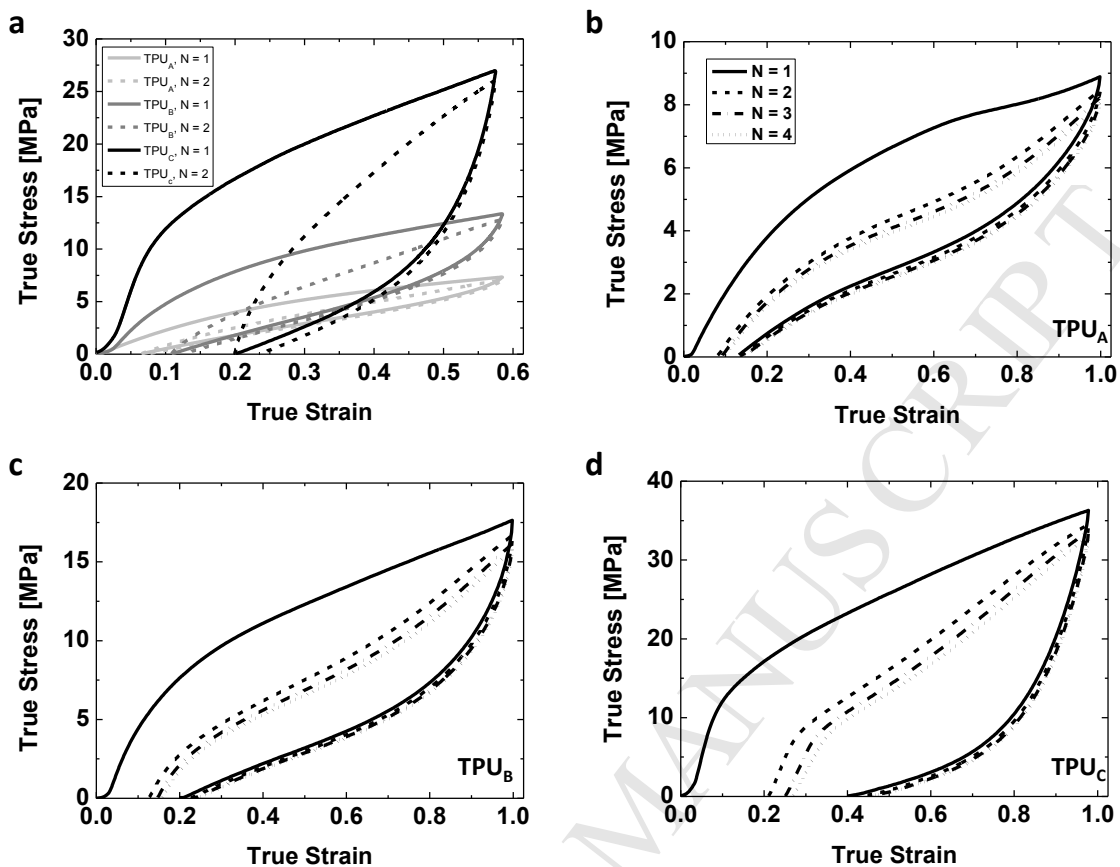
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Large strain behavior of thermoplastic polyurethanes spanning a range of fractions of hard and soft segment contents: shape recovery and energy dissipation upon cyclic loading conditions are highly dependent on the fractions of hard and soft contents, travelling between those in glassy and rubbery polymers.

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