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Effect of viscoelasticity on stability of liquid curtain

Alireza Mohammad Karim , Wieslaw J. Suszynski , William B. Griffith , Saswati Pujari , Lorraine F. Francis , Marcio S. Carvalho

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Highlights

- High speed visualization of breakup process of viscoelastic liquid curtains.
- Retraction speed of a rim on a viscoelastic liquid sheet.
- Critical Weber number for curtain breakup as a function of Trouton ratio.
- Mechanisms by which liquid viscoelasticity stabilizes a liquid curtain.

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