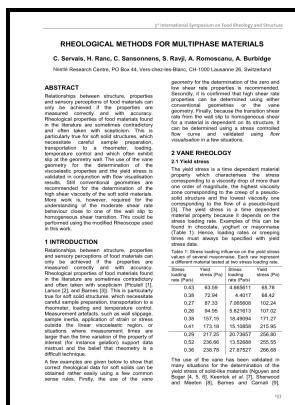


Evaluation of shear and elongational flow regimes on the oscillatory rheological properties of a model of chocolate

University of Birmingham - KIT



Description: -

-Evaluation of shear and elongational flow regimes on the oscillatory rheological properties of a model of chocolate

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Notes: Thesis (Ph.D) - University of Birmingham, School of Chemical Engineering, Faculty of Engineering.

This edition was published in 1996



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Tags: #Rheology

Non

Daumann, Chemie Ingenieur Technik 81 2009 8, 1151 C.

Oscillatory Flow

Revisited method, data analysis, and experiments on common polymers V. . Pre-stretching and subsequent quenching was found to have a minor effect on the final crystallinity, whereas pre-stretching followed by an intermediate rate cooling was found to increase the terminal crystallinity.

Oscillatory Flow

An objective of the present work is to use a simple modification that overcomes this deficiency. However, through simple analysis of the rheological behavior and pictures of the system at steady state an understanding of the structure and continuity of the system can be developed.

Elongational Flow

Wilhelm, Applied Rheology 19 23345 2009 ; Establishing a New Nonlinear Coefficient Q from FT-Rheology, first investigations on entangled linear and branched Polymer melts K. The industry standards to assess polymer flood performance are flooding experiments with cores or plugs.

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