

## Accepted Manuscript

Title: Self-regulation of foam volume and bubble size during foaming via shear mixing

Authors: Nadya Politova, Slavka Tcholakova, Zhulieta Valkova, Konstantin Golemanov, Nikolai D. Denkov



PII: S0927-7757(17)31094-4  
DOI: <https://doi.org/10.1016/j.colsurfa.2017.12.006>  
Reference: COLSUA 22130

To appear in: *Colloids and Surfaces A: Physicochem. Eng. Aspects*

Received date: 26-7-2017  
Revised date: 28-11-2017  
Accepted date: 1-12-2017

Please cite this article as: Nadya Politova, Slavka Tcholakova, Zhulieta Valkova, Konstantin Golemanov, Nikolai D. Denkov, Self-regulation of foam volume and bubble size during foaming via shear mixing, *Colloids and Surfaces A: Physicochemical and Engineering Aspects* <https://doi.org/10.1016/j.colsurfa.2017.12.006>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

# Self-regulation of foam volume and bubble size during foaming via shear mixing

Nadya Politova, Slavka Tcholakova,\* Zhulieta Valkova,  
Konstantin Golemanov, Nikolai D. Denkov

*Department of Chemical and Pharmaceutical Engineering,  
Faculty of Chemistry and Pharmacy, Sofia University, 1164 Sofia, Bulgaria*

\*Corresponding author:

Prof. Slavka Tcholakova

Department of Chemical and Pharmaceutical Engineering

Faculty of Chemistry and Pharmacy, Sofia University

1 James Bourchier Ave., 1164 Sofia

Bulgaria

Phone: (+359-2) 962 5310

Fax: (+359-2) 962 5643

E-mail: [SC@LCPE.UNI-SOFIA.BG](mailto:SC@LCPE.UNI-SOFIA.BG)

**Keywords:** foaming, foaminess, foam rheology, surface properties, surface modulus, air entrapment.

Download English Version:

<https://daneshyari.com/en/article/6977754>

Download Persian Version:

<https://daneshyari.com/article/6977754>

[Daneshyari.com](https://daneshyari.com)