Accepted Manuscript

Monte Carlo study on a complex of cationic polymers and anionic lipid monolayer

Xiaozheng Duan, Ran Zhang, Yang Zhang, Mingming Ding, Tongfei Shi, Lijia An, Qingrong Huang, Wen-Sheng Xu

PII: S0032-3861(16)30910-7

DOI: 10.1016/j.polymer.2016.10.007

Reference: JPOL 19107

To appear in: *Polymer*

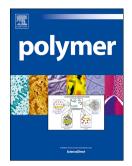
Received Date: 19 April 2016

Revised Date: 27 September 2016

Accepted Date: 1 October 2016

Please cite this article as: Duan X, Zhang R, Zhang Y, Ding M, Shi T, An L, Huang Q, Xu W-S, Monte Carlo study on a complex of cationic polymers and anionic lipid monolayer, *Polymer* (2016), doi: 10.1016/j.polymer.2016.10.007.

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.



Monte Carlo Study on a Complex of Cationic Polymers and Anionic Lipid

Monolayer

Xiaozheng Duan, ¹ Ran Zhang, ¹ Yang Zhang, ² Mingming Ding,^{*,1} Tongfei Shi, ^{*,1} Lijia An ¹, Qingrong Huang ³ and Wen-Sheng Xu ^{*,4,†}

¹ State Key Laboratory of Polymer Physics and Chemistry, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun, 130022, P. R. China

² Northeast Normal University, Changchun, 130024, P. R. China

³ Department of Food Science, Rutgers University, 65 Dudley Road, New Brunswick, New Jersey 08901, United States

⁴ James Franck Institute, The University of Chicago, Chicago, Illinois 60637, United States

Submit to "Polymer" Email 1: mmding@ciac.ac.cn Email 2: tfshi@ciac.ac.cn Email 3: wsxu0312@gmail.com Tel 1: +86-431-85262516 Tel 2: +86-431-85262309 Tel 3: +1-773-366-0112

^{*} To whom correspondence should be addressed. Email: mmding@ciac.ac.cn, tfshi@ciac.ac.cn, wsxu0312@gmail.com.

[†] Current address: Center for Nanophase Materials Sciences, Oak Ridge National Laboratory, Oak Ridge, TN 37831, United States

Download English Version:

https://daneshyari.com/en/article/5178749

Download Persian Version:

https://daneshyari.com/article/5178749

Daneshyari.com