Accepted Manuscript

Surface carboxyl-activated polyester (PET) fibers decorated with glucose carbon microspheres and their enhanced selective adsorption for dyes

Lu Meng, Xiaohui Xu, Bo Bai, Meiling Ma, Shan Li, Na Hu, Honglun Wang, Yourui Suo

PII: S0022-3697(18)30701-7

DOI: 10.1016/j.jpcs.2018.08.005

Reference: PCS 8681

To appear in: Journal of Physics and Chemistry of Solids

Received Date: 21 March 2018 Revised Date: 18 July 2018 Accepted Date: 6 August 2018

Please cite this article as: L. Meng, X. Xu, B. Bai, M. Ma, S. Li, N. Hu, H. Wang, Y. Suo, Surface carboxyl-activated polyester (PET) fibers decorated with glucose carbon microspheres and their enhanced selective adsorption for dyes, *Journal of Physics and Chemistry of Solids* (2018), doi: 10.1016/j.jpcs.2018.08.005.

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.



ACCEPTED MANUSCRIPT

Surface Carboxyl-activated Polyester (PET) Fibers decorated with Glucose Carbon Microspheres and Their Enhanced Selective Adsorption for Dyes

Lu Meng ^{a, b}, Xiaohui Xu ^{a, b}, Bo Bai ^{*, c, d}, Meiling Ma ^{a, b}, Shan Li ^{a, b}, Na Hu ^{c, d}, Honglun

Wang ^{c, d}, Yourui Suo ^{c, d}

(^a Key Laboratory of Subsurface Hydrology and Ecological Effects in Arid Region of the Ministry of Education, Chang'an University, No. 126 Yanta Road, Xi'an 710054, Shanxi, China, ^b College of Environmental Science and Engineering, Chang'an University, Xi'an, 710054, P.R. China; ^c Key Laboratory of Tibetan Medicine Research, Northwest Institute of Plateau Biology, Chinese Academy of Sciences, Xining, 810008, China; ^d Qinghai Provincial Key Laboratory of Tibetan Medicine Research, Xining, 810001, P.R. China)

* Corresponding author

Email address: baibochina@163.com

Tel: +86 29 82339052

Fax: +86 29 82339961

Download English Version:

https://daneshyari.com/en/article/11006861

Download Persian Version:

https://daneshyari.com/article/11006861

<u>Daneshyari.com</u>