Accepted Manuscript

Synthesis of porous biomass fly ash-based geopolymer spheres for efficient removal of methylene blue from wastewaters

Rui M. Novais, João Carvalheiras, David M. Tobaldi, Maria P. Seabra, Robert C. Pullar, João A. Labrincha

PII: S0959-6526(18)33004-X

DOI: 10.1016/j.jclepro.2018.09.265

Reference: JCLP 14400

To appear in: Journal of Cleaner Production

Received Date: 10 April 2018

Revised Date: 12 September 2018

Accepted Date: 30 September 2018

Please cite this article as: Novais RM, Carvalheiras Joã, Tobaldi DM, Seabra MP, Pullar RC, Labrincha JoãA, Synthesis of porous biomass fly ash-based geopolymer spheres for efficient removal of methylene blue from wastewaters, *Journal of Cleaner Production* (2018), doi: https://doi.org/10.1016/j.jclepro.2018.09.265.

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.



Synthesis of porous biomass fly ash-based geopolymer spheres for

efficient removal of methylene blue from wastewaters

Rui M. Novais^a,*, João Carvalheiras^a, David M. Tobaldi^a, Maria P. Seabra^a, Robert C.

Pullar^a, João A. Labrincha^a

^a Department of Materials and Ceramic Engineering / CICECO- Aveiro Institute of

Materials, University of Aveiro, Campus Universitário de Santiago, 3810-193 Aveiro,

Portugal

*Corresponding author: Tel.: +351234370262; fax: +351234370204

E-mail address: ruimnovais@ua.pt (Rui M. Novais)

Download English Version:

https://daneshyari.com/en/article/11011084

Download Persian Version:

https://daneshyari.com/article/11011084

Daneshyari.com