Accepted Manuscript

Title: A facile method to enhance the uniformity and adhesion properties of water-based ceramic coating layers on hydrophobic polyethylene separators

Authors: Hoogil Lee, Hyunkyu Jeon, Seokhyeon Gong,

Myung-Hyun Ryou, Yong Min Lee

PII: S0169-4332(17)32276-6

DOI: http://dx.doi.org/doi:10.1016/j.apsusc.2017.07.276

Reference: APSUSC 36810

To appear in: APSUSC

Received date: 19-4-2017 Revised date: 21-7-2017 Accepted date: 28-7-2017

Please cite this article as: Hoogil Lee, Hyunkyu Jeon, Seokhyeon Gong, Myung-Hyun Ryou, Yong Min Lee, A facile method to enhance the uniformity and adhesion properties of water-based ceramic coating layers on hydrophobic polyethylene separators, Applied Surface Sciencehttp://dx.doi.org/10.1016/j.apsusc.2017.07.276

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

A facile method to enhance the uniformity and adhesion properties of water-based ceramic coating layers on hydrophobic polyethylene separators

Hoogil Lee ^{a,1}, Hyunkyu Jeon ^{a,1}, Seokhyeon Gong ^a, Myung-Hyun Ryou ^{a,**}, and Yong Min Lee ^{b,*}

^a Department of chemical & Biological Engineering, Hanbat National University, Daejeon 34158, Republic of Korea

^b Department of Energy Systems Engineering, Daegu Gyeongbuk Institute of Science and Technology (DGIST), Daegu 42988, Republic of Korea.

*Corresponding author. Tel.: +82-53-785-6425; Fax: +82-53-785-6409

**Co-corresponding author. Tel.: +82-42-821-1534; Fax: +82+42-821-1534

E-mail: yongmin.lee@dgist.ac.kr (Y.M. Lee) and mhryou@hanbat.ac.kr (M.-H. Ryou)

¹These authors contributed equally.

Download English Version:

https://daneshyari.com/en/article/5346771

Download Persian Version:

https://daneshyari.com/article/5346771

<u>Daneshyari.com</u>