

Accepted Manuscript

Title: Novel proton exchange membranes based on structure-optimized poly(ether ether ketone ketone)s and nanocrystalline cellulose

Authors: Chuangjiang Ni, Yingcong Wei, Qi Zhao, Baijun Liu, Zhaoyan Sun, Yan Gu, Mingyao Zhang, Wei Hu



PII: S0169-4332(17)32743-5
DOI: <http://dx.doi.org/10.1016/j.apsusc.2017.09.094>
Reference: APSUSC 37173

To appear in: *APSUSC*

Received date: 28-6-2017
Revised date: 24-8-2017
Accepted date: 12-9-2017

Please cite this article as: Chuangjiang Ni, Yingcong Wei, Qi Zhao, Baijun Liu, Zhaoyan Sun, Yan Gu, Mingyao Zhang, Wei Hu, Novel proton exchange membranes based on structure-optimized poly(ether ether ketone ketone)s and nanocrystalline cellulose, *Applied Surface Science* <http://dx.doi.org/10.1016/j.apsusc.2017.09.094>

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.

Novel proton exchange membranes based on structure-optimized poly(ether ether ketone ketone)s and nanocrystalline cellulose

Chuangjiang Ni ^a, Yingcong Wei ^a, Qi Zhao ^a, Baijun Liu ^b, Zhaoyan Sun ^c, Yan Gu ^d,
Mingyao Zhang ^a, Wei Hu ^{a*}

^a College of Chemical Engineering, Changchun University of Technology, 2055 Yan'an Street, Changchun 130012, P.R. China

^b College of Chemistry, Jilin University, 2699 Qianjin Street, Changchun 130012, P.R. China

^c State Key Laboratory of Polymer Physics and Chemistry, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun 130022, China

^d College of Mechanical and Electrical Engineering, Yangtze Normal University, Chongqing 408100, China.

* Corresponding author. E-mail address: huwei@ccut.edu.cn (W. Hu)

Tel/Fax: +86-0431-85717216

Download English Version:

<https://daneshyari.com/en/article/7836172>

Download Persian Version:

<https://daneshyari.com/article/7836172>

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