Author's Accepted Manuscript

A Statistical Study of Proton Conduction in Nafion®-based Composite Membranes: Prediction, Filler Selection and Fabrication Methods

Lunyang Liu, Wenduo Chen, Yunqi Li



www.elsevier.com/locate/memsci

PII: S0376-7388(17)31840-9

DOI: https://doi.org/10.1016/j.memsci.2017.12.025

Reference: MEMSCI15796

To appear in: Journal of Membrane Science

Received date: 28 June 2017 Revised date: 6 December 2017 Accepted date: 11 December 2017

Cite this article as: Lunyang Liu, Wenduo Chen and Yunqi Li, A Statistical Study of Proton Conduction in Nafion®-based Composite Membranes: Prediction, Filler Selection and Fabrication Methods, *Journal of Membrane Science*, https://doi.org/10.1016/j.memsci.2017.12.025

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 galley proof before it is published in its final citable 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 Statistical Study of Proton Conduction in Nafion®-based Composite Membranes: Prediction, Filler Selection and Fabrication Methods

Lunyang Liu $^{\dagger,\,\ddagger}$, Wenduo Chen †,* , and Yunqi Li †,*

[†] Key Laboratory of Synthetic Rubber & Laboratory of Advanced Power Sources, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun 130022, PR China

[‡] University of Chinese Academy of Sciences, Beijing 100049, PR China

^{*} To whom correspondence should be addressed. E-mail: wdchen@ciac.ac.cn, yunqi@ciac.ac.cn. Phone: +86 (0)431 85262535

Download English Version:

https://daneshyari.com/en/article/7020219

Download Persian Version:

https://daneshyari.com/article/7020219

<u>Daneshyari.com</u>