## Author's Accepted Manuscript

Acid Resistant PVDF based Copolymer Alkaline Anion Exchange Membrane for Acid Recovery and Electrodialytic Water Desalination

Prem P. Sharma, Vikrant Yadav, Abhishek Rajput, Vaibhav Kulshrestha



DOI: https://doi.org/10.1016/j.memsci.2018.06.016

S0376-7388(18)31063-9

Reference: MEMSCI16233

PII:

To appear in: Journal of Membrane Science

Received date: 18 April 2018 Revised date: 7 June 2018 Accepted date: 11 June 2018

Cite this article as: Prem P. Sharma, Vikrant Yadav, Abhishek Rajput and Vaibhav Kulshrestha, Acid Resistant PVDF based Copolymer Alkaline Anion Exchange Membrane for Acid Recovery and Electrodialytic Water Desalination, *Journal of Membrane Science*, https://doi.org/10.1016/j.memsci.2018.06.016

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 MANUSCRI

#### Acid Resistant PVDF based Copolymer Alkaline Anion Exchange Membrane for Acid Recovery and **Electrodialytic Desalination**

Prem P. Sharma<sup>a,b</sup>, Vikrant Yadav<sup>a,b</sup>, Abhishek Rajput<sup>a,c</sup>, Vaibhav Kulshrestha<sup>a,b</sup>\*

<sup>a</sup>CSIR-Central Salt and Marine Chemicals Research Institute(CSIR-CSMCRI), Council of Scientific & Industrial Research (CSIR), Gijubhai Badheka Marg, Bhavnagar- 364 002, (Gujarat), INDIA

<sup>&</sup>lt;sup>b</sup> Academy of Scientific and Innovative Research, CSIR-Central Salt and Marine Chemicals Research Institute (CSIR-CSMCRI), Council of Scientific & Industrial Research (CSIR), Gijubhai Badheka Marg, Bhavnagar- 364 002, (Gujarat), INDIA

<sup>&</sup>lt;sup>c</sup> Department of Physics, MK Bhavnagar University,, Bhavnagar- 364 002, (Gujarat), INDIA vaibhavk@csmcri.res.in
vaihavphy@gmail.com

### Download English Version:

# https://daneshyari.com/en/article/7019721

Download Persian Version:

https://daneshyari.com/article/7019721

<u>Daneshyari.com</u>