

Author's Accepted Manuscript

Characterization of feed channel spacer performance using geometries obtained by X-ray computed tomography

Viktor A. Haaksman, Amber Siddiqui, Carsten Schellenberg, James Kidwell, Johannes S. Vrouwenvelder, Cristian Picioreanu



PII: S0376-7388(16)31507-1
DOI: <http://dx.doi.org/10.1016/j.memsci.2016.09.005>
Reference: MEMSCI14725

To appear in: *Journal of Membrane Science*

Received date: 20 April 2016
Revised date: 24 July 2016
Accepted date: 3 September 2016

Cite this article as: Viktor A. Haaksman, Amber Siddiqui, Carsten Schellenberg, James Kidwell, Johannes S. Vrouwenvelder and Cristian Picioreanu Characterization of feed channel spacer performance using geometries obtained by X-ray computed tomography, *Journal of Membrane Science* <http://dx.doi.org/10.1016/j.memsci.2016.09.005>

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

Characterization of feed channel spacer performance using geometries obtained by X-ray computed tomography

Viktor A. Haaksman^a, Amber Siddiqui^b, Carsten Schellenberg^c, James Kidwell^d, Johannes S. Vrouwenvelder^{a,b,e}, Cristian Picioreanu^{a*}

^aDepartment of Biotechnology, Faculty of Applied Sciences, Delft University of Technology, Van der Maasweg 9, 2629 HZ Delft, The Netherlands.

^bKing Abdullah University of Science and Technology (KAUST), Water Desalination and Reuse Center (WDRC), Division of Biological and Environmental Science and Engineering (BESE), Thuwal 23955-6900, Saudi Arabia

^cLANXESS AG, Kennedyplatz 1, 50569 Cologne, Germany.

^dConwed Plastics, 2810 Weeks Ave SE, Minneapolis 55414, USA.

^eWetsus, European Centre of Excellence for Sustainable Water Technology, Oostergoweg 9, 8911 MA Leeuwarden, The Netherlands.

V.A.Haaksman@tudelft.nl

J.S.Vrouwenvelder@tudelft.nl

C.Picioreanu@tudelft.nl

Amber.Siddiqui@kaust.edu.sa

Johannes.Vrouwenvelder@kaust.edu.sa

Carsten.Schellenberg@lanxess.com

James.Kidwell@conwedplastics.com

Hans.Vrouwenvelder@wetsus.nl

Download English Version:

<https://daneshyari.com/en/article/4989360>

Download Persian Version:

<https://daneshyari.com/article/4989360>

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