Accepted Manuscript

Title: Sulfonation of Alkylbenzene Using Liquid Sulfonating Agent in Rotating Packed Bed: Experimental and Numerical Study

Authors: Baochang Sun, Liangliang Zhang, Zhan Weng, Lili Zhang, Guangwen Chu, Haikui Zou, Jianfeng Chen

PII: S0255-2701(17)30310-0

DOI: http://dx.doi.org/doi:10.1016/j.cep.2017.06.002

Reference: CEP 7005

To appear in: Chemical Engineering and Processing

Received date: 31-3-2017 Revised date: 26-5-2017 Accepted date: 1-6-2017

Please cite this article as: Baochang Sun, Liangliang Zhang, Zhan Weng, Lili Zhang, Guangwen Chu, Haikui Zou, Jianfeng Chen, Sulfonation of Alkylbenzene Using Liquid Sulfonating Agent in Rotating Packed Bed: Experimental and Numerical Study, Chemical Engineering and Processinghttp://dx.doi.org/10.1016/j.cep.2017.06.002

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

Sulfonation of Alkylbenzene Using Liquid Sulfonating Agent in Rotating Packed Bed: Experimental and Numerical Study

Baochang Sun,*,† Liangliang Zhang,*,† Zhan Weng,† Lili Zhang,† Guangwen Chu,‡,† Haikui Zou,†,‡ Jianfeng Chen†,‡

[†] Research Center of the Ministry of Education for High Gravity Engineering and Technology, Beijing University of Chemical Technology, Beijing 100029, PR China

[‡] State Key Laboratory of Organic-Inorganic Composites, Beijing University of Chemical Technology, Beijing, 100029, PR China

Download English Version:

https://daneshyari.com/en/article/4998197

Download Persian Version:

https://daneshyari.com/article/4998197

<u>Daneshyari.com</u>