

Accepted Manuscript

Catalytic complete oxidation of acetylene and propene over clay versus cordierite honeycomb monoliths without and with chemical vapor deposited cobalt oxide

Mhamed Assebban, Zhen-Yu Tian, Achraf El Kasmi, Naoufal Bahlawane, Sanae Harti, Tarik Chafik

PII: S1385-8947(14)01425-9
DOI: <http://dx.doi.org/10.1016/j.cej.2014.10.093>
Reference: CEJ 12836

To appear in: *Chemical Engineering Journal*

Received Date: 15 September 2014
Revised Date: 21 October 2014
Accepted Date: 25 October 2014

Please cite this article as: M. Assebban, Z-Y. Tian, A. El Kasmi, N. Bahlawane, S. Harti, T. Chafik, Catalytic complete oxidation of acetylene and propene over clay versus cordierite honeycomb monoliths without and with chemical vapor deposited cobalt oxide, *Chemical Engineering Journal* (2014), doi: <http://dx.doi.org/10.1016/j.cej.2014.10.093>

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.



**Catalytic complete oxidation of acetylene and propene
over clay versus cordierite honeycomb monoliths without
and with chemical vapor deposited cobalt oxide**

Mhamed Assebban¹, Zhen-Yu Tian^{2,3,*}, Achraf El Kasmi^{1,2}, Naoufal Bahlawane^{2,4}, Sanae

Harti¹ and Tarik Chafik^{1,†}

¹ *Laboratory LGCVR, Faculty of Sciences and Techniques, University Abdelmalek Essaadi, B.P. 416 Tangier,
Morocco*

² *Physical Chemistry 1, Department of Chemistry, Bielefeld University, D-33615 Bielefeld, Germany*

³ *Present address: Institute of Engineering Thermophysics, Chinese Academy of Sciences, 100190 Beijing, China*

⁴ *Present address: Nanomaterials Research Unit, SAM Department, Centre des Recherche Public - Gabriel
Lippmann, L-4422 Belvaux, Luxembourg.*

* Co-corresponding author. E-mail: tianzhenyu@iet.cn (ZYT); Tel/Fax: +86 10 82543184.

† Co-corresponding author. E-mail: t.chafik@fstt.ac.ma/tchafik@yahoo.com (TC); Tel: +212 539 39 39 54, Fax: +212 539 39 39 53.

Download English Version:

<https://daneshyari.com/en/article/6585685>

Download Persian Version:

<https://daneshyari.com/article/6585685>

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