

Accepted Manuscript

A quantitative comparison of in-line coating thickness distributions obtained from a pharmaceutical tablet mixing process using discrete element method and terahertz pulsed imaging

Chunlei Pei, Hungyen Lin, Daniel Markl, Yao-Chun Shen, J. Axel Zeitler, James A. Elliott

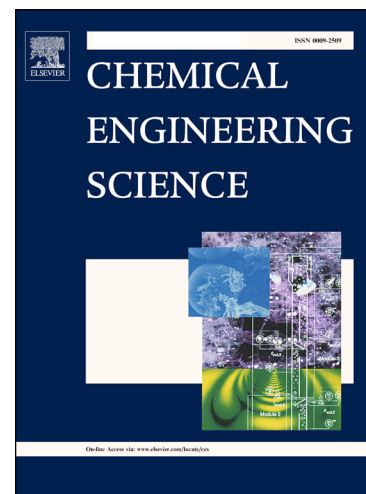
PII: S0009-2509(18)30417-2
DOI: <https://doi.org/10.1016/j.ces.2018.06.045>
Reference: CES 14319

To appear in: *Chemical Engineering Science*

Received Date: 15 January 2018
Revised Date: 6 June 2018
Accepted Date: 15 June 2018

Please cite this article as: C. Pei, H. Lin, D. Markl, Y-C. Shen, J. Axel Zeitler, J.A. Elliott, A quantitative comparison of in-line coating thickness distributions obtained from a pharmaceutical tablet mixing process using discrete element method and terahertz pulsed imaging, *Chemical Engineering Science* (2018), doi: <https://doi.org/10.1016/j.ces.2018.06.045>

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.



A quantitative comparison of in-line coating thickness distributions obtained from a pharmaceutical tablet mixing process using discrete element method and terahertz pulsed imaging

Chunlei Pei¹, Hungyen Lin², Daniel Markl³, Yao-Chun Shen⁴, J. Axel Zeitler³ and James A. Elliott^{1*}

¹Department of Materials Science and Metallurgy, 27 Charles Babbage Road, University of Cambridge, CB3 0FS, UK

²Department of Engineering, Lancaster University, Lancaster LA1 4YW, UK

³Department of Chemical Engineering and Biotechnology, University of Cambridge, Cambridge CB2 0AS, UK

⁴Department of Electrical Engineering and Electronics, University of Liverpool, Liverpool L69 3GJ, UK

* Corresponding author. Tel.: +44 1223 335987; fax: +44 1223 334567.
E-mail address: jae1001@cam.ac.uk

Download English Version:

<https://daneshyari.com/en/article/6588190>

Download Persian Version:

<https://daneshyari.com/article/6588190>

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