

Accepted Manuscript

A novel method for determining the thickness of hydration shells on nanosheets: A case of montmorillonite in water

Yunliang Zhao, Hao Yi, Feifei Jia, Hongliang Li, Changsheng Peng, Shaoxian Song

PII: S0032-5910(16)30727-6
DOI: doi:[10.1016/j.powtec.2016.10.045](https://doi.org/10.1016/j.powtec.2016.10.045)
Reference: PTEC 12044

To appear in: *Powder Technology*

Received date: 31 August 2016
Revised date: 17 October 2016
Accepted date: 20 October 2016



Please cite this article as: Yunliang Zhao, Hao Yi, Feifei Jia, Hongliang Li, Changsheng Peng, Shaoxian Song, A novel method for determining the thickness of hydration shells on nanosheets: A case of montmorillonite in water, *Powder Technology* (2016), doi:[10.1016/j.powtec.2016.10.045](https://doi.org/10.1016/j.powtec.2016.10.045)

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 novel method for determining the thickness of hydration shells on nanosheets: a case of montmorillonite in water

Yunliang Zhao ¹, Hao Yi ¹, Feifei Jia ¹, Hongliang Li ², Changsheng Peng ³ and Shaoxian Song ^{1,*}

¹School of Resources and Environmental Engineering, Wuhan University of Technology, Luoshi Road 122, Wuhan, Hubei, 430070, China

²Doctorado Institucional de Ingeniería y Ciencia de Materiales, Universidad Autónoma de San Luis Potosí, Av. Sierra Leona 530, San Luis Potosí, C.P. 78210, Mexico

³The Key Laboratory of Marine Environmental Science and Ecology, Ocean University of China, Songling Road 238, Qing-dao, Shandong, 266100, China

* Corresponding author. E-mail: shaoxian@uaslp.mx

Download English Version:

<https://daneshyari.com/en/article/4915266>

Download Persian Version:

<https://daneshyari.com/article/4915266>

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