Accepted Manuscript

Mathematical modelling of experimental data for crystallization inhibitors

M.P. Bracciale, G. Bretti, A. Broggi, M. Ceseri, A. Marrocchi, R. Natalini, C. Russo

 PII:
 S0307-904X(16)30631-X

 DOI:
 10.1016/j.apm.2016.11.026

 Reference:
 APM 11452

<text><text><section-header><text><text>

To appear in:

Applied Mathematical Modelling

Received date:21 November 2015Revised date:17 October 2016Accepted date:10 November 2016

Please cite this article as: M.P. Bracciale, G. Bretti, A. Broggi, M. Ceseri, A. Marrocchi, R. Natalini, C. Russo, Mathematical modelling of experimental data for crystallization inhibitors, *Applied Mathematical Modelling* (2016), doi: 10.1016/j.apm.2016.11.026

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.

Highlights

- A new mathematical model describing the effect of phosphocitrate (PC) on sodium sulphate crystallization inside bricks
- The model takes into account mathematically the effects of inhibitors of crystallization.
- We compare the numerical results given by the model with the available experimental data.

1

Download English Version:

https://daneshyari.com/en/article/5470912

Download Persian Version:

https://daneshyari.com/article/5470912

Daneshyari.com