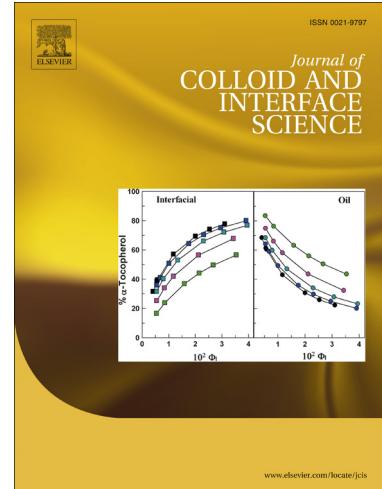


# Accepted Manuscript



Influence of metakaolin purities on potassium geopolymmer formulation: the existence of several networks

A. Autef, E. Joussein, A. Poulesquen, G. Gasgnier, S. Pronier, I. Sobrados, J. Sanz, S. Rossignol

PII: S0021-9797(13)00665-6

DOI: <http://dx.doi.org/10.1016/j.jcis.2013.07.024>

Reference: YJCIS 18965

To appear in: *Journal of Colloid and Interface Science*

Received Date: 25 April 2013

Accepted Date: 12 July 2013

Please cite this article as: A. Autef, E. Joussein, A. Poulesquen, G. Gasgnier, S. Pronier, I. Sobrados, J. Sanz, S. Rossignol, Influence of metakaolin purities on potassium geopolymmer formulation: the existence of several networks, *Journal of Colloid and Interface Science* (2013), doi: <http://dx.doi.org/10.1016/j.jcis.2013.07.024>

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.

**Influence of metakaolin purities on potassium geopolymmer formulation: the existence of several networks.**

A. Autef<sup>a</sup>, E. Joussein<sup>b</sup>, A. Poulesquen<sup>c</sup>, G. Gasgnier<sup>d</sup>, S. Pronier<sup>e</sup>, I. Sobrados<sup>f</sup>, J. Sanz<sup>f</sup>, S. Rossignol<sup>a,\*</sup>

<sup>a</sup> Groupe d'Etude des Matériaux Hétérogènes (GEMH-ENSCI) Ecole Nationale Supérieure de Céramique Industrielle, 12 rue Atlantis, 87068 Limoges Cedex, France.

<sup>b</sup> Université de Limoges, GRESE EA 4330, 123 avenue Albert Thomas, 87060 Limoges, France.

<sup>c</sup> CEA, DEN, DTCD/SPDE/LCFI-Marcoule, F-30207 Bagnols sur Cèze, France.

<sup>d</sup> Imerys Ceramic Centre, 8 rue de Soyouz, 87000 Limoges, France.

<sup>e</sup> Institut de Chimie des Milieux et Matériaux de Poitiers (IC2MP), Université de Poitiers, CNRS UMR 7285, rue Michel Brunet, 86022 Poitiers, France.

<sup>f</sup> Instituto de Ciencia de Materiales de Madrid, Consejo Superior de Investigaciones Científicas (CSIC), C/Sor Juana Inés de la Cruz, 3, 28049 Madrid, Spain.

\* Corresponding author: sylvie.rossignol@unilim.fr, tel.: 33 5 87 50 25 64

Download English Version:

<https://daneshyari.com/en/article/6999036>

Download Persian Version:

<https://daneshyari.com/article/6999036>

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