## Accepted Manuscript

Effects of porosity and inertia on the apparent permeability tensor in fibrous media

Nicola Luminari, Christophe Airiau, Alessandro Bottaro

 PII:
 S0301-9322(18)30064-8

 DOI:
 10.1016/j.ijmultiphaseflow.2018.04.013

 Reference:
 IJMF 2792

To appear in: International Journal of Multiphase Flow

Received date:25 January 2018Revised date:23 April 2018Accepted date:24 April 2018

Please cite this article as: Nicola Luminari, Christophe Airiau, Alessandro Bottaro, Effects of porosity and inertia on the apparent permeability tensor in fibrous media, *International Journal of Multiphase Flow* (2018), doi: 10.1016/j.ijmultiphaseflow.2018.04.013

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

• Extensive database of permeability components for a fibrous porous medium, upon variation of the driving pressure gradient, of the flow direction (defined through two Euler angles) and of the porosity.

/

1

Download English Version:

## https://daneshyari.com/en/article/7060044

Download Persian Version:

https://daneshyari.com/article/7060044

Daneshyari.com