

Accepted Manuscript

Elastoviscoplastic flows in porous media

F. De Vita, M.E. Rosti, D. Izbassarov, L. Duffo, O. Tammisola,
S. Hormozi, L. Brandt

PII: S0377-0257(18)30022-3
DOI: [10.1016/j.jnnfm.2018.04.006](https://doi.org/10.1016/j.jnnfm.2018.04.006)
Reference: JNNFM 4005



To appear in: *Journal of Non-Newtonian Fluid Mechanics*

Received date: 15 January 2018
Revised date: 9 April 2018
Accepted date: 11 April 2018

Please cite this article as: F. De Vita, M.E. Rosti, D. Izbassarov, L. Duffo, O. Tammisola, S. Hormozi, L. Brandt, Elastoviscoplastic flows in porous media, *Journal of Non-Newtonian Fluid Mechanics* (2018), doi: [10.1016/j.jnnfm.2018.04.006](https://doi.org/10.1016/j.jnnfm.2018.04.006)

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

- Shear and elongational flow are equally distributed in the unyielded region
- The apparent permeability decreases with the Bingham number
- The unyielded region increases with the Weissenberg number
- Relation between pressure drop, flow rate and Bingham number

Download English Version:

<https://daneshyari.com/en/article/7061062>

Download Persian Version:

<https://daneshyari.com/article/7061062>

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