### Accepted Manuscript

Development of high thermal insulation and compressive strength BPP foams using mold-opening foam injection molding with in-situ fibrillated PTFE fibers

Jinchuan Zhao, Qingliang Zhao, Long Wang, Chongda Wang, Bing Guo, Chul B. Park, Guilong Wang

PII: S0014-3057(17)31645-2

DOI: https://doi.org/10.1016/j.eurpolymj.2017.11.001

Reference: EPJ 8135

To appear in: European Polymer Journal

Received Date: 17 September 2017 Accepted Date: 1 November 2017



Please cite this article as: Zhao, J., Zhao, Q., Wang, L., Wang, C., Guo, B., Park, C.B., Wang, G., Development of high thermal insulation and compressive strength BPP foams using mold-opening foam injection molding with insitu fibrillated PTFE fibers, *European Polymer Journal* (2017), doi: https://doi.org/10.1016/j.eurpolymj. 2017.11.001

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.

## **ACCEPTED MANUSCRIPT**

# Development of high thermal insulation and compressive strength BPP foams using mold-opening foam injection molding with in-situ fibrillated PTFE fibers

Jinchuan Zhao <sup>a,b</sup>, Qingliang Zhao <sup>a</sup>, Long Wang <sup>b</sup>, Chongda Wang <sup>b</sup>, Bing Guo <sup>a,\*</sup>, Chul B. Park <sup>b,\*</sup>, Guilong Wang <sup>b,c,\*</sup>

E-mail address:

guobing@hit.edu.cn (B. Guo), park@mie.utoronto.ca (C.B. Park), guilong@sdu.edu.cn (G. Wang).

<sup>&</sup>lt;sup>a</sup> Centre for Precision Engineering, School of Mechatronics Engineering, Harbin Institute of Technology, Harbin 150001, China

<sup>&</sup>lt;sup>b</sup> Microcellular Plastics Manufacturing Laboratory, Department of Mechanical and Industrial Engineering, University of Toronto, Toronto, Ontario M5S 3G8, Canada

<sup>&</sup>lt;sup>c</sup> Key Laboratory for Liquid-Solid Structural Evolution and Processing of Materials (Ministry of Education), Shandong University, Jinan, Shandong 250061, China

<sup>\*</sup> Corresponding authors.

#### Download English Version:

# https://daneshyari.com/en/article/7804041

Download Persian Version:

https://daneshyari.com/article/7804041

<u>Daneshyari.com</u>