Accepted Manuscript

Effect of hydrophilic graphite flake on thermal conductivity and fracture toughness of basalt fibers/epoxy composites

Seong Hwang Kim, Young-Jung Heo, Mira Park, Byung-Gak Min, Kyong Yop Rhee, Soo-Jin Park

PII: S1359-8368(18)31965-6

DOI: 10.1016/j.compositesb.2018.07.022

Reference: JCOMB 5789

To appear in: Composites Part B

Received Date: 22 June 2018

Accepted Date: 14 July 2018

Please cite this article as: Kim SH, Heo Y-J, Park M, Min B-G, Rhee KY, Park S-J, Effect of hydrophilic graphite flake on thermal conductivity and fracture toughness of basalt fibers/epoxy composites, *Composites Part B* (2018), doi: 10.1016/j.compositesb.2018.07.022.

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

1	Manuscript submitted to "Composites Part B:Engineering" as an original paper.
2	
3	
4	
5	Effect of hydrophilic graphite flake on thermal conductivity and
6	fracture toughness of basalt fibers/epoxy composites
7	Seong Hwang Kim ^a , Young-Jung Heo ^a , Mira Park ^b , Byung-Gak Min ^c , Kyong Yop Rhee ^{d,**} ,
8	and Soo-Jin Park ^{a,*}
9	^a Department of Chemistry, Inha University, 100 Inharo, Incheon 22212, South Korea
10	^b Department of Bioenvironmental Chemistry, College of Agriculture & Life Science, Chonbuk
11	National University, Jeonju 54896, South Korea
12	^c Department of Polymer Science & Engineering, Korea National University of
13	Transportation, Chungju 27469, South Korea
14	^d Department of Mechanical Engineering, College of Engineering, Kyung Hee University,
15	Yongin, 17104, South Korea
16	
17	^{a,*} Corresponding author. Tel.: +82-32-876-7234; Fax: +82-32-860-8438.
18	^{d,**} Corresponding author. Tel.: +82-31-201-2565; Fax: +82-31-202-6693.
19	E-mail address: <u>rheeky@khu.ac.kr (</u> K.Y. Rhee), sjpark@inha.ac.kr (SJ. Park)

Download English Version:

https://daneshyari.com/en/article/7211752

Download Persian Version:

https://daneshyari.com/article/7211752

Daneshyari.com