

## Accepted Manuscript

Engineering carbon nanotubes wrapped ammonium polyphosphate for enhancing mechanical and flame retardant properties of poly(butylene succinate)

Yan Zhang, YiXin Hu, Junling Wang, Wenxiang Tian, Kim Meow Liew, Yi Zhang, Bibo Wang

PII: S1359-835X(18)30378-6  
DOI: <https://doi.org/10.1016/j.compositesa.2018.09.020>  
Reference: JCOMA 5189

To appear in: *Composites: Part A*

Received Date: 9 May 2018  
Revised Date: 25 August 2018  
Accepted Date: 21 September 2018

Please cite this article as: Zhang, Y., Hu, Y., Wang, J., Tian, W., Liew, K.M., Zhang, Y., Wang, B., Engineering carbon nanotubes wrapped ammonium polyphosphate for enhancing mechanical and flame retardant properties of poly(butylene succinate), *Composites: Part A* (2018), doi: <https://doi.org/10.1016/j.compositesa.2018.09.020>

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.



**Engineering carbon nanotubes wrapped ammonium polyphosphate for enhancing mechanical and flame retardant properties of poly(butylene succinate)**

Yan Zhang<sup>a, b</sup>, YiXin Hu<sup>c</sup>, Junling Wang<sup>a</sup>, Wenxiang Tian, Kim Meow Liew<sup>b</sup>, Yi Zhang<sup>c</sup>, Bibo Wang<sup>a, \*</sup>

<sup>a</sup>State Key Laboratory of Fire Science, University of Science and Technology of China, 96 Jinzhai Road, Hefei, Anhui 230026, People's Republic of China.

<sup>b</sup>Department of Architecture and Civil Engineering, City University of Hong Kong, Tat Chee Avenue, Kowloon, Hong Kong.

<sup>c</sup>University of North Carolina Chapel Hill, Department of Chemistry, Chapel Hill, NC 27599, USA

<sup>d</sup>University of Maryland, Department of Chemistry, College Park, MD, 20740, MD, USA

---

*\*Corresponding author. Fax/Tel: +86-551-63601664.  
E-mail address: wbibo@ustc.edu.cn (Bibo Wang)*

Download English Version:

<https://daneshyari.com/en/article/11026785>

Download Persian Version:

<https://daneshyari.com/article/11026785>

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