

Accepted Manuscript

Title: Structural Modification for Carbon Nanotube Film and the Composite Film by Processing Optimization

Author: Yanjie Wang Min Li Yizhuo Gu Shaokai Wang
Qingwen Li Zuoguang Zhang



PII: S0169-4332(15)01102-2
DOI: <http://dx.doi.org/doi:10.1016/j.apsusc.2015.05.015>
Reference: APSUSC 30329

To appear in: *APSUSC*

Received date: 12-3-2015
Revised date: 27-4-2015
Accepted date: 2-5-2015

Please cite this article as: Y. Wang, M.L. <ce:inter-ref id=intr0005&link:href=mailto:leemy@buaa.edu.cn>leemy@buaa.edu.cn</ce:inter-ref> Y. Gu, S. Wang, Q.L. <ce:inter-ref id=intr0010&link:href=mailto:qwli2007@sinano.ac.cn>qwli2007@sinano.ac.cn</ce:inter-ref> Z. Zhang, Structural Modification for Carbon Nanotube Film and the Composite Film by Processing Optimization, *Applied Surface Science* (2015), <http://dx.doi.org/10.1016/j.apsusc.2015.05.015></sup></sup>

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

- (1) Within a certain range, faster winding speed is good for mechanical enhancement.
- (2) Thicker film contains more waviness and defects, causing lower tensile properties.
- (3) Post-stretching can improve both electrical and mechanical properties effectively.

Accepted Manuscript

Download English Version:

<https://daneshyari.com/en/article/5349321>

Download Persian Version:

<https://daneshyari.com/article/5349321>

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