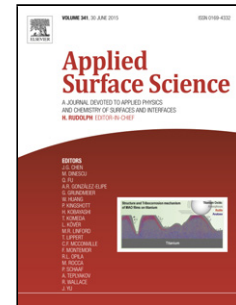


Accepted Manuscript

Title: Effect of high pressure hydrogen on the mechanical characteristics of single carbon fiber

Authors: Sang Koo Jeon, Oh Heon Kwon, Hoon-Sik Jang, Kwon Sang Ryu, Seung Hoon Nahm



PII: S0169-4332(17)31994-3
DOI: <http://dx.doi.org/doi:10.1016/j.apsusc.2017.07.005>
Reference: APSUSC 36539

To appear in: *APSUSC*

Received date: 31-10-2016
Revised date: 26-6-2017
Accepted date: 2-7-2017

Please cite this article as: Sang Koo Jeon, Oh Heon Kwon, Hoon-Sik Jang, Kwon Sang Ryu, Seung Hoon Nahm, Effect of high pressure hydrogen on the mechanical characteristics of single carbon fiber, Applied Surface Science <http://dx.doi.org/10.1016/j.apsusc.2017.07.005>

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.

Effect of high pressure hydrogen on the mechanical characteristics of single carbon fiber

Sang Koo Jeon^{1,2}, Oh Heon Kwon¹, Hoon-Sik Jang³, Kwon Sang Ryu² and Seung Hoon Nahm^{2*}

¹Department of Safety Engineering, Pukyong National University, Busan 48513, Rep. of Korea

²Center for Energy Materials Metrology, Korea Research Institute of Standards and Science, Daejeon305-340, Rep. of Korea

³World Tech. Co. Ltd., Daejeon, 34368, Rep. of Korea

Keywords: Carbon fiber, Hydrogen, Mechanical characteristic, Weibull modulus

*E-mail: shnahm@kriss.re.kr , tel: +82-42-868-5383, fax: +82-42-868-5635

Download English Version:

<https://daneshyari.com/en/article/7836340>

Download Persian Version:

<https://daneshyari.com/article/7836340>

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