

Accepted Manuscript

Molecular simulations of stress wave propagation and perforation of graphene sheets under transverse impact

Bazle Z.(Gama) Haque, Sanjib C. Chowdhury, John W. Gillespie, Jr.



PII: S0008-6223(16)30126-9

DOI: [10.1016/j.carbon.2016.02.033](https://doi.org/10.1016/j.carbon.2016.02.033)

Reference: CARBON 10758

To appear in: *Carbon*

Received Date: 3 November 2015

Revised Date: 28 January 2016

Accepted Date: 10 February 2016

Please cite this article as: B.Z.(G.) Haque, S.C. Chowdhury, J.W. Gillespie Jr., Molecular simulations of stress wave propagation and perforation of graphene sheets under transverse impact, *Carbon* (2016), doi: 10.1016/j.carbon.2016.02.033.

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.

Molecular simulations of stress wave propagation and perforation of graphene sheets under transverse impact

Bazle Z. (Gama) Haque

Center for Composite Materials
Department of Materials Science & Engineering
University of Delaware, Newark, DE 19716, USA

Sanjib C. Chowdhury*

Center for Composite Materials
University of Delaware, Newark, DE 19716, USA

John W. Gillespie Jr.

Center for Composite Materials
Department of Materials Science & Engineering
Department of Civil & Environmental Engineering
Department of Mechanical Engineering
University of Delaware, Newark, DE 19716, USA

* Corresponding author. Tel: 302-831-6931. E-mail: sanjib@udel.edu (Sanjib C. Chowdhury)

Download English Version:

<https://daneshyari.com/en/article/7849813>

Download Persian Version:

<https://daneshyari.com/article/7849813>

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