Accepted Manuscript

 pK_a determination of graphene-like materials: validating chemical functionalization

Elisa S. Orth, José G.L. Ferreira, Jéssica E.S. Fonsaca, Sirlon F. Blaskievicz, Sergio H. Domingues, Archi Dasgupta, Mauricio Terrones, Aldo J.G. Zarbin

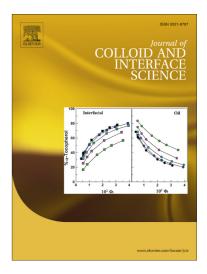
PII: S0021-9797(16)30013-3

DOI: http://dx.doi.org/10.1016/j.jcis.2016.01.013

Reference: YJCIS 20996

To appear in: Journal of Colloid and Interface Science

Received Date: 26 November 2015 Revised Date: 6 January 2016 Accepted Date: 8 January 2016



Please cite this article as: E.S. Orth, J.G.L. Ferreira, J.E.S. Fonsaca, S.F. Blaskievicz, S.H. Domingues, A. Dasgupta, M. Terrones, A.J.G. Zarbin, pK_a determination of graphene-like materials: validating chemical functionalization, *Journal of Colloid and Interface Science* (2016), doi: http://dx.doi.org/10.1016/j.jcis.2016.01.013

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

pK_a determination of graphene-like materials: validating chemical functionalization



Elisa S. Orth,^a * José G. L. Ferreira,^a Jéssica E. S. Fonsaca,^a Sirlon F.

Blaskievicz,^a Sergio H. Domingues,^b Archi Dasgupta,^d Mauricio Terrones^{c,d} and

Aldo J. G. Zarbin^a

^a Department of Chemistry, Universidade Federal do Paraná (UFPR), CP
 19081, CEP 81531-990, Curitiba, PR, Brazil. ^b Graphene and Nano-materials
 Research Center – Mackgraphe Presbyterian University, São Paulo, Brazil
 ^cDepartment of Physics and Center for 2-Dimensional and Layered Materials,
 The Pennsylvania State University, University Park, PA 16802, USA, and
 ^dDepartment of Chemistry and Department of Materials Science and
 Engineering, The Pennsylvania State University, University Park, PA 16802,
 USA.

* Corresponding Author: Tel: +55 41-33613184 Email: elisaorth@ufpr.br



Download English Version:

https://daneshyari.com/en/article/6994624

Download Persian Version:

https://daneshyari.com/article/6994624

Daneshyari.com