

Accepted Manuscript

Amino-functionalized graphene oxide blend with monoethanolamine for efficient carbon dioxide capture

Yuting Song, Lingdi Cao, Jia Yu, Suojiang Zhang, Shimou Chen, Yi Jiang



PII: S0925-8388(17)30362-6

DOI: [10.1016/j.jallcom.2017.01.310](https://doi.org/10.1016/j.jallcom.2017.01.310)

Reference: JALCOM 40677

To appear in: *Journal of Alloys and Compounds*

Received Date: 2 November 2016

Revised Date: 19 January 2017

Accepted Date: 28 January 2017

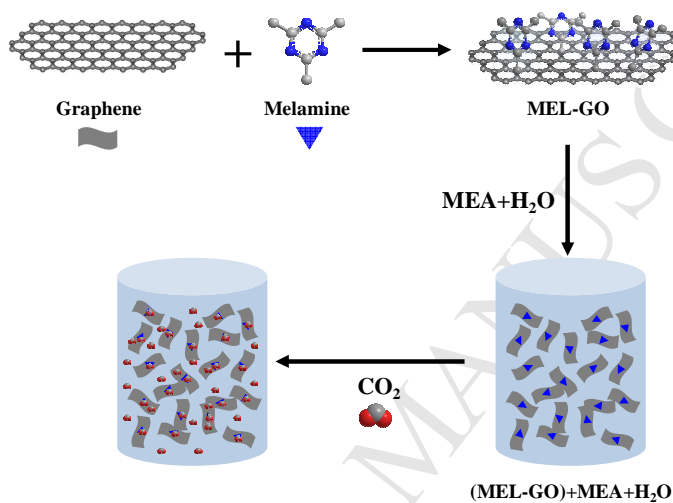
Please cite this article as: Y. Song, L. Cao, J. Yu, S. Zhang, S. Chen, Y. Jiang, Amino-functionalized graphene oxide blend with monoethanolamine for efficient carbon dioxide capture, *Journal of Alloys and Compounds* (2017), doi: 10.1016/j.jallcom.2017.01.310.

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.

Amino-functionalized graphene oxide blend with monoethanolamine for efficient carbon dioxide capture

Yuting Song^{a,b,c}, Lingdi Cao^b, Jia Yu^b, Suojiang Zhang^{b*}, Shimou Chen^{b*} and Yi Jiang^{a*}

A highly efficient method can fabricate solid-liquid hybrid CO₂ absorbent that consisted of amine-functionalized of graphene oxide (MEL-GO) and monoethanolamine (MEA) aqueous solution.



Download English Version:

<https://daneshyari.com/en/article/5459989>

Download Persian Version:

<https://daneshyari.com/article/5459989>

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