

Accepted Manuscript

Potential heat transfer enhancement of functionalized graphene nanoplatelet dispersions in a propylene glycol - water mixture. Thermophysical profile

J.P. Vallejo, J. Pérez-Tavernier, D. Cabaleiro, J. Fernández-Seara, L. Lugo

PII: S0021-9614(18)30305-7
DOI: <https://doi.org/10.1016/j.jct.2018.04.007>
Reference: YJCHT 5384

To appear in: *J. Chem. Thermodynamics*

Received Date: 10 November 2017
Revised Date: 19 March 2018
Accepted Date: 11 April 2018

Please cite this article as: J.P. Vallejo, J. Pérez-Tavernier, D. Cabaleiro, J. Fernández-Seara, L. Lugo, Potential heat transfer enhancement of functionalized graphene nanoplatelet dispersions in a propylene glycol - water mixture. Thermophysical profile, *J. Chem. Thermodynamics* (2018), doi: <https://doi.org/10.1016/j.jct.2018.04.007>

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.



**Potential heat transfer enhancement of functionalized graphene
nanoplatelet dispersions in a propylene glycol - water mixture.**

Thermophysical profile

Vallejo J. P.^{1,2}, Pérez-Tavernier J.², Cabaleiro D.^{1,3}, Fernández-Seara J.², Lugo L.^{1*}

¹Departamento de Física Aplicada, Facultade de Ciencias, Universidade de Vigo, 36310, Vigo, Spain

²Área de Máquinas e Motores Térmicos, Escola de Enxeñaría Industrial, Universidade de Vigo, 36310, Vigo,
Spain

³Istituto per le Tecnologie della Costruzione, Consiglio Nazionale delle Ricerche, 35127, Padova, Italy

*To whom correspondence should be addressed (Tel.: +34 986813771; fax: +34
986814069, E- mail: luis.lugo@uvigo.es)

Download English Version:

<https://daneshyari.com/en/article/6659706>

Download Persian Version:

<https://daneshyari.com/article/6659706>

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