University of Groningen

Incorporation of Pure Fullerene into Organoclays

Tsoufis, Theodoros; Georgakilas, Vasileios; Ke, Xiaoxing; Van Tendeloo, Gustaaf; Rudolf, Petra; Gournis, Dimitrios

Published in:
 Chemistry

DOI:
[10.1002/chem.201300164](https://doi.org/10.1002/chem.201300164)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version
 Publisher's PDF, also known as Version of record

Publication date:
 2013

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Tsoufis, T., Georgakilas, V., Ke, X., Van Tendeloo, G., Rudolf, P., & Gournis, D. (2013). Incorporation of Pure Fullerene into Organoclays: Towards C60-Pillared Clay Structures. *Chemistry*, 19(24), 7937-7943. <https://doi.org/10.1002/chem.201300164>

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

CHEMISTRY

A EUROPEAN JOURNAL

Supporting Information

© Copyright Wiley-VCH Verlag GmbH & Co. KGaA, 69451 Weinheim, 2013

Incorporation of Pure Fullerene into Organoclays: Towards C₆₀-Pillared Clay Structures

**Theodoros Tsoufis,^{*,[a]} Vasileios Georgakilas,^[b] Xiaoxing Ke,^[c] Gustaaf Van Tendeloo,^[c]
Petra Rudolf,^[a] and Dimitrios Gournis^[d]**

chem_201300164_sm_miscellaneous_information.pdf

Supporting Information

Contents:

Figure S1. Powder X-Ray diffraction patterns of C_{60} @Organo-SW _{y-1} and C_{60} @Al-exchanged-SW _{y-1} samples	S2
Figure S2. UV-vis spectra of C_{60} and C_{60} @Organo-SW _{y-1} in cyclohexane	S3
Figure S3. Thermal analysis measurements of C_{60} and C_{60} @Organo-SW _{y-1} in cyclohexane	S4

Supporting Information

Figure S1. Powder X-Ray diffraction patterns of the strating $C_{60}@Organo-SW_{y-1}$ (a) and the final $C_{60}@Al$ -exchanged- SW_{y-1} (b) samples.

Supporting Information

Figure S2. UV-vis spectra of C_{60} in cyclohexane (a) and $C_{60}@Organo-SW_{y-1}$ (b).

Supporting Information

Figure S3. TGA curves of Organo-Sw_{y-1} (a) and C₆₀@Organo-Sw_{y-1} (b).