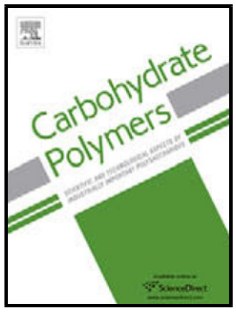
Accepted Manuscript



Title: Aldehyde-functionalized Chitosan-Montmorillonite Films as Dynamically-Assembled, Switchable-Chemical Release Bioplastics

Authors: Jamal Chabbi, Oumayma Jennah, Nadia Katir, Mohamed Lahcini, Mosto Bousmina, Abdelkrim El Kadib

PII: S0144-8617(17)31443-1
DOI: https://doi.org/10.1016/j.carbpol.2017.12.036
Reference: CARP 13098

To appear in:

Received date: 26-4-2017
Revised date: 4-12-2017
Accepted date: 13-12-2017

Please cite this article as: Chabbi J, Jennah O, Katir N, Lahcini M, Bousmina M, El Kadib A, Aldehyde-functionalized Chitosan-Montmorillonite Films as Dynamically-Assembled, Switchable-Chemical Release Bioplastics, *Carbohydrate Polymers* (2010), https://doi.org/10.1016/j.carbpol.2017.12.036

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

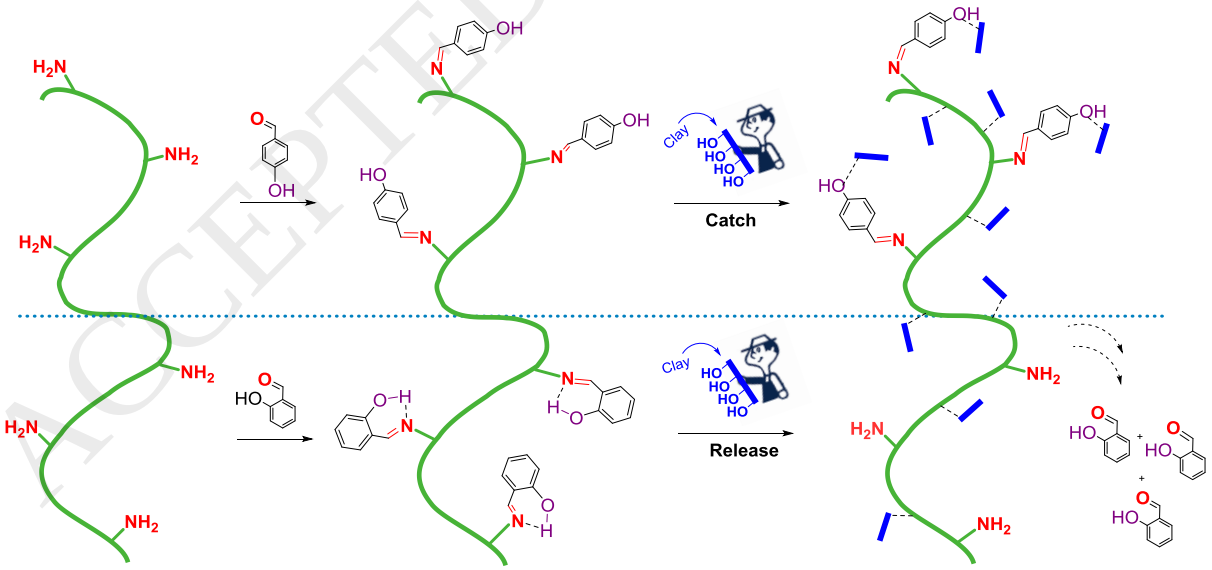
Aldehyde-functionalized Chitosan-Montmorillonite Films as Dynamically-Assembled, Switchable-Chemical Release Bioplastics

Jamal Chabbi,[†,‡] Oumayma Jennah,[‡] Nadia Katir,[†] Mohamed Lahcini,[‡] Mosto Bousmina,[†] Abdelkrim El Kadib.[†,]*

[†] Euromed Research Center. Engineering Division, Euro-Med University of Fes (UEMF), Route de Meknes. Rond-point de Bensouda. 30070 Fès. Morocco. a.elkadib@ueuromed.org

[‡] Laboratory of Organometallic and Macromolecular Chemistry-Composites Materials, Faculty of Sciences and Technologies, Cadi Ayyad University, Avenue Abdelkrim Elkhattabi, B.P. 549, 40000 Marrakech, Morocco

Graphical abstract :



Download English Version:

https://daneshyari.com/en/article/7784190

Download Persian Version:

https://daneshyari.com/article/7784190

Daneshyari.com