

Accepted Manuscript

Title: Coupling Chitosan and TEMPO-oxidized Nanofibrillated Cellulose by Electrostatic Attraction and Chemical Reaction

Authors: Ruilin Tang, Zhiming Yu, Scott Rennekar, Yang Zhang



PII: S0144-8617(18)31006-3
DOI: <https://doi.org/10.1016/j.carbpol.2018.08.097>
Reference: CARP 13994

To appear in:

Received date: 4-6-2018
Revised date: 25-7-2018
Accepted date: 24-8-2018

Please cite this article as: Tang R, Yu Z, Rennekar S, Zhang Y, Coupling Chitosan and TEMPO-oxidized Nanofibrillated Cellulose by Electrostatic Attraction and Chemical Reaction, *Carbohydrate Polymers* (2018), <https://doi.org/10.1016/j.carbpol.2018.08.097>

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.

Coupling Chitosan and TEMPO-oxidized Nanofibrillated Cellulose by Electrostatic Attraction and Chemical Reaction

Ruilin Tang,^{a, b} Zhiming Yu,^{*, a} Scott Renneckar,^{*, b} Yang Zhang^a

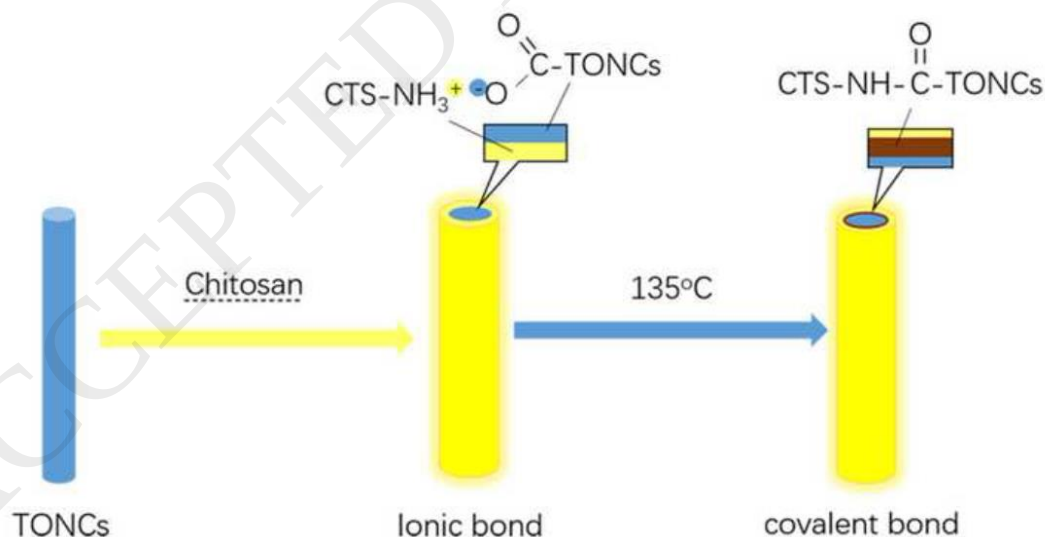
^a MOE Key Laboratory of Wooden Material Science and Application, Beijing Forestry University,,
Beijing 10083 China

^b Department of Wood Science, Faculty of Forestry, University of British Columbia, Vancouver, BC
V6T 1Z4, Canada.

*Corresponding author: yuzhiming@bjfu.edu.cn (Zhiming Yu). Tel: +86-010-62338259; Fax: +86-010-62336061. scott.renneckar@ubc.ca (Scott Renneckar). Tel: +1-604-781-2212.

Ruilin Tang (tr108408022@126.com); Yang Zhang(bjfuzhangyang@bjfu.edu.cn)

Graphical abstract



Download English Version:

<https://daneshyari.com/en/article/10141215>

Download Persian Version:

<https://daneshyari.com/article/10141215>

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