## Accepted Manuscript

A Solvent-free Route to Non-isocyanate Poly(carbonate urethane) with High Molecular Weight and Competitive Mechanical Properties

Ziyun Shen, Jie Zhang, Wenxiang Zhu, Liuchun Zheng, Chuncheng Li, Yaonan Xiao, Jiajian Liu, Shaohua Wu, Bo Zhang

PII: S0014-3057(18)31031-0

DOI: https://doi.org/10.1016/j.eurpolymj.2018.08.006

Reference: EPJ 8519

To appear in: European Polymer Journal

Received Date: 6 June 2018 Revised Date: 3 August 2018 Accepted Date: 3 August 2018



Please cite this article as: Shen, Z., Zhang, J., Zhu, W., Zheng, L., Li, C., Xiao, Y., Liu, J., Wu, S., Zhang, B., A Solvent-free Route to Non-isocyanate Poly(carbonate urethane) with High Molecular Weight and Competitive Mechanical Properties, *European Polymer Journal* (2018), doi: https://doi.org/10.1016/j.eurpolymj.2018.08.006

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**

# A Solvent-free Route to Non-isocyanate Poly(carbonate urethane) with High Molecular Weight and Competitive Mechanical Properties

Ziyun Shen<sup>†,‡</sup>, Jie Zhang<sup>†</sup>, Wenxiang Zhu<sup>†</sup>, Liuchun Zheng<sup>\*,†</sup>, Chuncheng Li<sup>\*,†</sup>, Yaonan Xiao<sup>†</sup>, Jiajian Liu<sup>†</sup>, Shaohua Wu<sup>†</sup> and Bo Zhang<sup>†</sup>

<sup>†,</sup> Beijing National Laboratory for Molecular Sciences, Key Laboratory of Engineering Plastics, CAS Research/Education Center for Excellence in Molecular Sciences, Institute of Chemistry, Chinese Academy of Sciences (ICCAS), Beijing 100190, P. R. China

<sup>‡</sup>University of the Chinese Academy of Sciences, Beijing 100049, P. R. China

\* Corresponding author: L. C. Zheng (hubeizlc@iccas.ac.cn); C. C. Li (lichch@iccas.ac.cn)

#### Download English Version:

# https://daneshyari.com/en/article/7803381

Download Persian Version:

https://daneshyari.com/article/7803381

<u>Daneshyari.com</u>