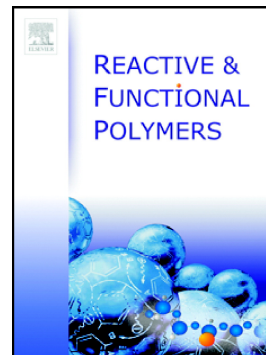


## Accepted Manuscript

Synthesis, polymerization kinetics and thermal properties of para-methylol functional benzoxazine

Kan Zhang, Lu Han, Pablo Froimowicz, Hatsuo Ishida



PII: S1381-5148(17)30123-2  
DOI: doi: [10.1016/j.reactfunctpolym.2017.06.017](https://doi.org/10.1016/j.reactfunctpolym.2017.06.017)  
Reference: REACT 3874  
To appear in: *Reactive and Functional Polymers*  
Received date: 9 December 2016  
Revised date: 26 June 2017  
Accepted date: 27 June 2017

Please cite this article as: Kan Zhang, Lu Han, Pablo Froimowicz, Hatsuo Ishida , Synthesis, polymerization kinetics and thermal properties of para-methylol functional benzoxazine, *Reactive and Functional Polymers* (2017), doi: [10.1016/j.reactfunctpolym.2017.06.017](https://doi.org/10.1016/j.reactfunctpolym.2017.06.017)

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.

**Synthesis, Polymerization Kinetics and Thermal Properties of  
*para*-Methylol Functional Benzoxazine**

Kan Zhang,<sup>\*a</sup> Lu Han,<sup>b</sup> Pablo Froimowicz<sup>c</sup> and Hatsuo Ishida<sup>\*b</sup>

<sup>a</sup> *School of Materials Science and Engineering, Jiangsu University, Zhenjiang 212013, China.*

<sup>b</sup> *Department of Macromolecular Science and Engineering, Case Western Reserve University, Cleveland, OH, 44106, United States.*

<sup>c</sup> *Design and Chemistry of Macromolecules Group, Institute of Technology in Polymers and Nanotechnology (ITPN), UBA-CONICET, School of Engineering, University of Buenos Aires, Av. Gral. Las Heras 2214 (P.C. C1127AAR), Buenos Aires, Argentina.*

\*Corresponding author. E-mail: hxi3@cwru.edu (H.Ishida), zhangkan@ujs.edu.cn (K. Zhang)

Download English Version:

<https://daneshyari.com/en/article/7826113>

Download Persian Version:

<https://daneshyari.com/article/7826113>

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