

Accepted Manuscript

Cleaner synthesis and systematical characterization of sustainable poly(isosorbide-co-ethylene terephthalate) by environ-benign and highly active catalysts

Xin-Gui Li, Ge Song, Mei-Rong Huang, Tomoya Ohara, Hiroki Yamada, Tomokazu Umeyama, Tomohiro Higashino, Hiroshi Imahori



PII: S0959-6526(18)32760-4

DOI: [10.1016/j.jclepro.2018.09.046](https://doi.org/10.1016/j.jclepro.2018.09.046)

Reference: JCLP 14181

To appear in: *Journal of Cleaner Production*

Received Date: 8 April 2018

Revised Date: 4 September 2018

Accepted Date: 5 September 2018

Please cite this article as: Li X-G, Song G, Huang M-R, Ohara T, Yamada H, Umeyama T, Higashino T, Imahori H, Cleaner synthesis and systematical characterization of sustainable poly(isosorbide-co-ethylene terephthalate) by environ-benign and highly active catalysts, *Journal of Cleaner Production* (2018), doi: 10.1016/j.jclepro.2018.09.046.

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.

Cleaner synthesis and systematical characterization of sustainable poly(isosorbide-co-ethylene terephthalate) by environ-benign and highly active catalysts

Xin-Gui Li^{a,c,d,e*}, Ge Song^{a,b,d}, Mei-Rong Huang^{a,d,e*}, Tomoya Ohara^e, Hiroki Yamada^e, Tomokazu Umeyama^e, Tomohiro Higashino^e, Hiroshi Imahori^{e,f}

^a State Key Laboratory of Pollution Control and Resource Reuse, and Shanghai Institute of Pollution Control and Ecological Security, College of Environmental Science and Engineering, Tongji University, 1239 SiPing Road, Shanghai 200092, China

^b Sinopec Shanghai Research Institute of Petrochemical Technology, Shanghai 201208, China

^c Key Laboratory of Theory & Technology for Micro-Nano Optoelectronic Information System of Ministry of Industry & Information Technology, College of Materials Science and Engineering, Harbin Institute of Technology (Shenzhen), Guangdong 518055, China

^d Key Laboratory of Advanced Civil Engineering Materials, College of Materials Science and Engineering, Tongji University, 1239 SiPing Road, Shanghai 200092, China

^e Department of Molecular Engineering, Graduate School of Engineering, Kyoto University, Nishikyo-ku, Kyoto 615-8510, Japan

^f Institute for Integrated Cell-Material Sciences (WPI-iCeMS), Kyoto University, Sakyo-ku, Kyoto 606-8501, Japan

* Corresponding author at: State Key Laboratory of Pollution Control and Resource Reuse, College of Environmental Science and Engineering, Tongji University, 1239 SiPing Road, Shanghai 200092, China.

E-mail addresses: lixingui@tongji.edu.cn (X.G. Li), huangmeirong@tongji.edu.cn (M. R. Huang).

Download English Version:

<https://daneshyari.com/en/article/11019764>

Download Persian Version:

<https://daneshyari.com/article/11019764>

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