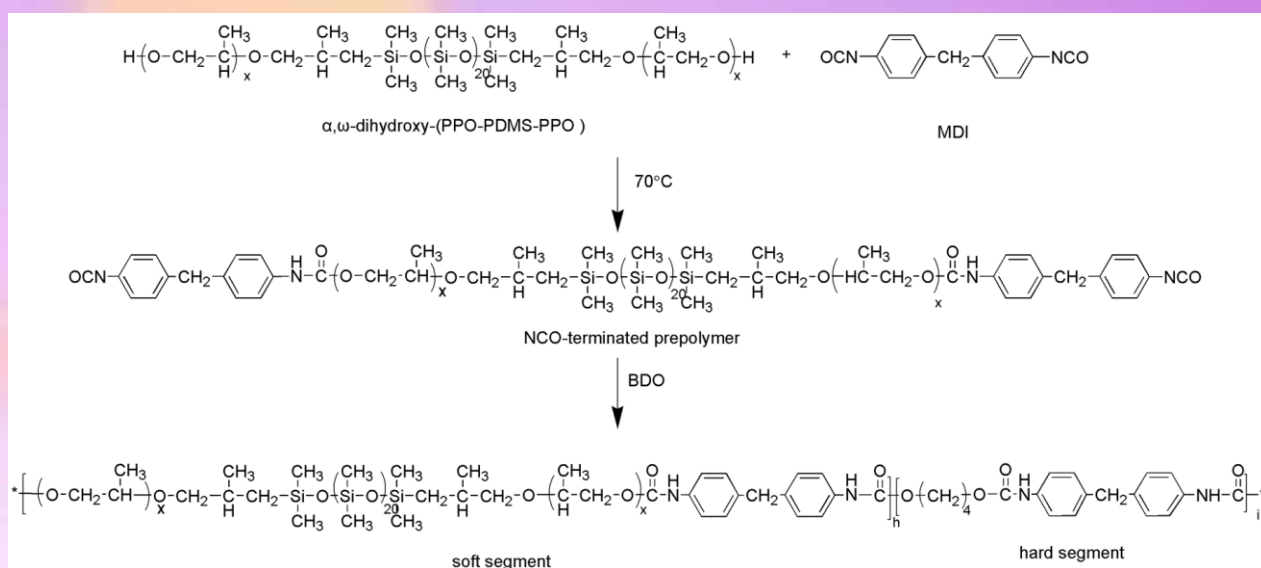


Open Journal of Synthesis Theory and Applications



Journal Editorial Board

ISSN Print: 2168-1244 ISSN Online: 2168-1252

<http://www.scirp.org/journal/ojsta>

Editors-in-Chief

Prof. Changle Chen

University of Science & Technology of China, China

Prof. Yuk Yin Sham

University of Minnesota, USA

Editorial Board

Dr. Mahendra D. Chordia

University of Virginia, USA

Prof. Mirko Diksic

McGill University, Canada

Dr. Ahmed El-Shafei

North Carolina State University, USA

Dr. Ramesh K. Guduru

University of Michigan, USA

Prof. Bishnu Prasad Khanal

Intel Corporation, USA

Prof. Ahmed I. Khodair

Kafrel Sheikh University, Egypt

Prof. Jingbo Louise Liu

Texas A&M University-Kingsville, USA

Dr. Subramanya Ravi Kiran Pingali

Xavier University of Louisiana, USA

Dr. Ramona Pristavita

McGill University, Canada

Dr. Jun Qi

Dana-Farber Cancer Institute, USA

Dr. Protima Rauwel

University of Tartu, Estonia

Dr. Eric W. Reinheimer

California State University, USA

Prof. Rafat Ali Siddiqui

Indiana University School of Medicine, USA

Dr. Sarabjit Singh

Defence Metallurgical Research Laboratory, India

Dr. Jianguo Zhang

Nanjing University of Technology, China

Table of Contents

Volume 4 Number 3

July 2015

**Mechanical, Thermal and Morphology Properties of Thermoplastic Polyurethane Copolymers
Incorporating α,ω -Dihydroxy-[poly(propyleneoxide)-poly(dimethylsiloxane)-poly(propyleneoxide)]
of Varying Poly(propyleneoxide) Molecular Weight**

Z. L. Dai, K. Yang, Q. Z. Dong.....41

Open Journal of Synthesis Theory and Applications (OJSTA)

Journal Information

SUBSCRIPTIONS

The *Open Journal of Synthesis Theory and Applications* (Online at Scientific Research Publishing, www.SciRP.org) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$59 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

COPYRIGHT AND REUSE RIGHTS FOR THE FRONT MATTER OF THE JOURNAL:

Copyright © 2015 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

<http://creativecommons.org/licenses/by/4.0/>

COPYRIGHT FOR INDIVIDUAL PAPERS OF THE JOURNAL:

Copyright © 2015 by author(s) and Scientific Research Publishing Inc.

REUSE RIGHTS FOR INDIVIDUAL PAPERS:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

DISCLAIMER OF LIABILITY

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: ojsta@scirp.org



Open Journal of Synthesis Theory and Applications

ISSN Print: 2168-1244 ISSN Online: 2168-1252

<http://www.scirp.org/journal/ojsta>

Open Journal of Synthesis Theory and Applications (OJSTA) is an open access journal published quarterly. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of Synthesis.

Editors-in-Chief

Prof. Changle Chen

Prof. Yuk Yin Sham

University of Science & Technology of China, China

University of Minnesota, USA

Editorial Board

Dr. Mahendra D. Chordia

Prof. Mirko Diksic

Dr. Ahmed El-Shafei

Dr. Ramesh K. Guduru

Prof. Bishnu Prasad Khanal

Prof. Ahmed I. Khodair

Prof. Jingbo Louise Liu

Dr. Subramanya Ravi Kiran Pingali

Dr. Ramona Pristavita

Dr. Jun Qi

Dr. Protima Rauwel

Dr. Eric W. Reinheimer

Prof. Rafat Ali Siddiqui

Dr. Sarabjit Singh

Dr. Jianguo Zhang

University of Virginia, USA

McGill University, Canada

North Carolina State University, USA

University of Michigan, USA

Intel Corporation, USA

Kafrel Sheikh University, Egypt

Texas A&M University-Kingsville, USA

Xavier University of Louisiana, USA

McGill University, Canada

Dana-Farber Cancer Institute, USA

University of Tartu, Estonia

California State University, USA

Indiana University School of Medicine, USA

Defence Metallurgical Research Laboratory, India

Nanjing University of Technology, China

Subject Coverage

All manuscripts must be prepared in English, and are subject to a rigorous peer-review process. Accepted papers will immediately appear online followed by printed in hard copy. The areas covered by Open Journal of Synthesis Theory and Applications (OJSTA) include but are not limited to the following fields:

- Amino acid synthesis
- ATP synthesis
- Biosynthesis
- Catalytic synthesis
- Chemical synthesis
- Chemosynthesis
- Dehydration synthesis
- DNA synthesis
- Linear synthesis
- Nucleosynthesis
- Organic synthesis
- Paal-Knorr synthesis
- Peptide synthesis
- Photosynthesis
- Protein biosynthesis
- RNA synthesis
- Total synthesis

We are also interested in: 1) Short reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book reviews—Comments and critiques.

Website and E-Mail

<http://www.scirp.org/journal/ojsta>

Email: ojsta@scirp.org

What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



**Scientific
Research
Publishing**

**Website: <http://www.scirp.org>
Subscription: sub@scirp.org
Advertisement: service@scirp.org**