



Polymer Vol. 54, No. 14, 21 June 2013

Contents

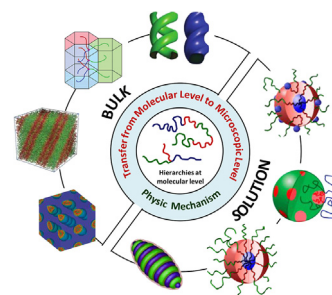
FEATURE ARTICLE

Hierarchical microstructures self-assembled from polymer systems

3427–3442

Liquan Wang, Jiaping Lin*, Xu Zhang

Shanghai Key Laboratory of Advanced Polymeric Materials, Key Laboratory for Ultrafine Materials of Ministry of Education, School of Materials Science and Engineering, East China University of Science and Technology, Shanghai 200237, China



POLYMER COMMUNICATIONS

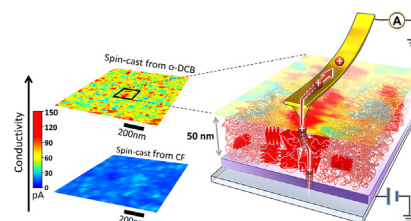
Development of highly conductive nanodomains in poly(3-hexylthiophene) films studied by conductive atomic force microscopy

3443–3447

Miki Osaka^a, Hiroaki Bente^{a,*}, Li-Ting Lee^a, Hideo Ohkita^{a,b}, Shinzaburo Ito^a

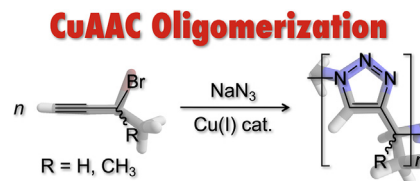
^a *Department of Polymer Chemistry, Graduate School of Engineering, Kyoto University, Katsura, Nishikyo, Kyoto 615-8510, Japan*

^b *Japan Science and Technology Agency (JST), PRESTO, 4-1-8 Honcho, Kawaguchi, Saitama 332-0012, Japan*

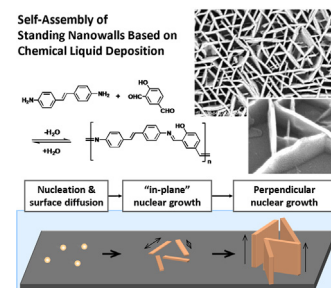


Copper-catalyzed azide-alkyne cycloaddition oligomerization of 3-azido-1-propyne derivatives

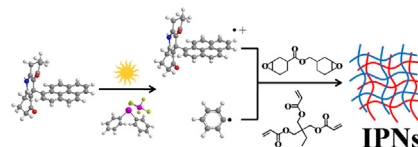
3448–3451

Akihito Hashidzume^{*}, Tomoaki Nakamura, Takahiro SatoDepartment of Macromolecular Science, Graduate School of Science, Osaka University,
1-1 Machikaneyama-cho, Toyonaka, Osaka 560-0043, Japan**Vertically standing nanowalls of pristine poly(azomethine) on a graphite by chemical liquid deposition**

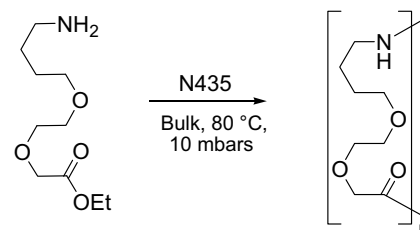
3452–3457

Rintaro Higuchi^a, Ryota Tanoue^a, Kazuki Sakaguchi^a, Kaiyo Yanai^a, Shinobu Uemura^a, Masashi Kunitake^{a,b,*}^a Department of Science and Technology, Kumamoto University, 2-39-1 Kurokami, Kumamoto 860-8555, Japan^b Core Research for Evolutional Science and Technology, Japan Science and Technology Agency (JST-CREST), Kawaguchi Center Building, 4-1-8 Honcho, Kawaguchi, Saitama 332-0012, Japan**POLYMER PAPERS****Difunctional acridinediones as photoinitiators of polymerization under UV and visible lights: Structural effects**

3458–3466

Pu Xiao^a, Frédéric Dumur^b, Mohamad-Ali Tehfe^a, Bernadette Graff^a, Didier Gigmes^{b,*},
Jean Pierre Fouassier^c, Jacques Lalevée^{a,*}^a Institut de Science des Matériaux de Mulhouse IS2M, UMR CNRS 7361, UHA, 15, rue Jean Starcky, 68057 Mulhouse Cedex, France^b Institut de Chimie Radicale ICR – UMR CNRS 7273, Aix-Marseille Université, équipe CROPS, Case 542, Avenue Escadrille Normandie-Niemen, 13397 Marseille Cedex 20, France^c ENSCMu-UHA, 3 rue Alfred Werner, 68093 Mulhouse Cedex, France**Speeding-up enzyme-catalyzed synthesis of polyamides using ω-amino-α-alkoxy-acetate as monomer**

3467–3471

Florent Poulhès^a, Dominique Mouysset^a, Gérard Gil^{b,*}, Michèle P. Bertrand^{a,*},
Stéphane Gastaldi^{a,*}^a Aix-Marseille Université, CNRS, Institut de Chimie Radicale UMR 7273, Equipe CMO, 13397 Marseille Cedex 20, France^b Aix-Marseille Université, CNRS, ISM2 UMR 7313, Equipe Chirosciences, 13397 Marseille Cedex 20, France89%, DP_n = 18.3, PDI = 1.63
93% conversion in 30 min.

Download English Version:

<https://daneshyari.com/en/article/5182319>

Download Persian Version:

<https://daneshyari.com/article/5182319>

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