

Polymer Chemistry

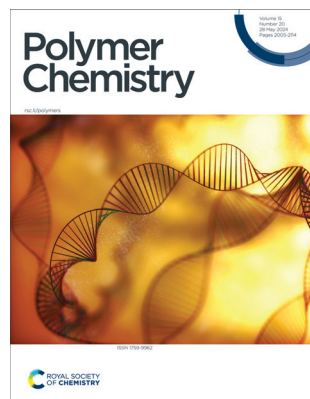
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Cover

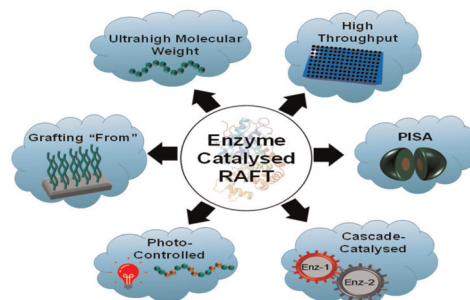
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REVIEW

2011

Green synthesis of polymer materials via enzyme-initiated RAFT polymerization

Sonu Kumar,* Raviteja Gaddala, Sabu Thomas, Joshua Schumacher and Holger Schönherr

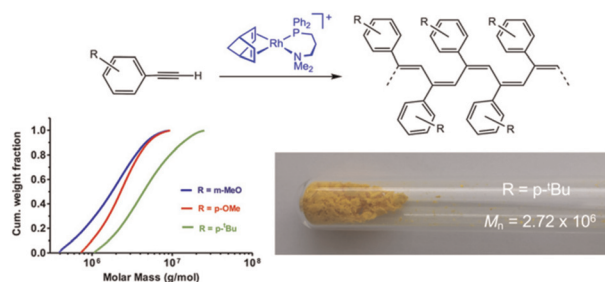


PAPERS

2028

Synthesis of megadalton stereoregular ring-substituted poly(phenylacetylene)s by a rhodium(I) catalyst with a N-functionalized hemilabile phosphine ligand

Marta Angoy, M. Victoria Jiménez,* Eugenio Vispe and Jesús J. Pérez-Torrente*



RSC Applied Interfaces

GOLD
OPEN
ACCESS

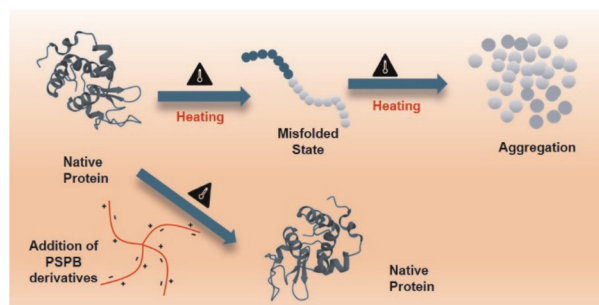
**Interfacial and surface research
with an applied focus**

Interdisciplinary and open access

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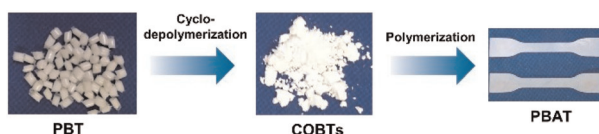
**Fundamental questions
Elemental answers**

Robin Rajan* and Kazuaki Matsumura*



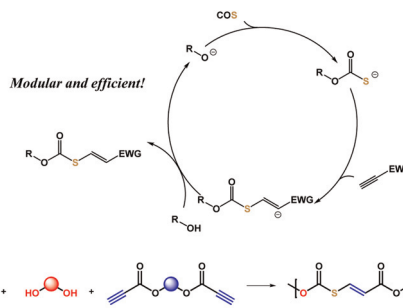
Chemical recycling of poly(butylene terephthalate) into value-added biodegradable poly(butylene adipate-co-terephthalate)

Xiangxiang Yan, Shujie Huang, Jie Huan, Jing Li,
Xiaohong Li,* Sheng Wang,* Hongjuan Li, Xuehua Guo,
Jun Ren and Yingfeng Tu*



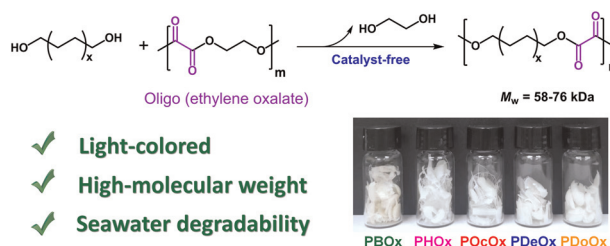
Unsaturated sulfur-containing polymers from modular alcohol click chemistry

Ziheng Liu, Chengjian Zhang* and Xinghong Zhang*



Catalyst-free synthesis of high-molecular weight poly(alkylene oxalate)s

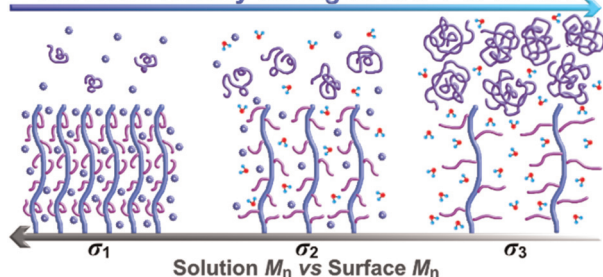
Jian Wang, Weiping Chen,* Libin Bai, Haiqian Guo,
Weihe Zhao, Yonggang Wu and Xinwu Ba*



PAPERS

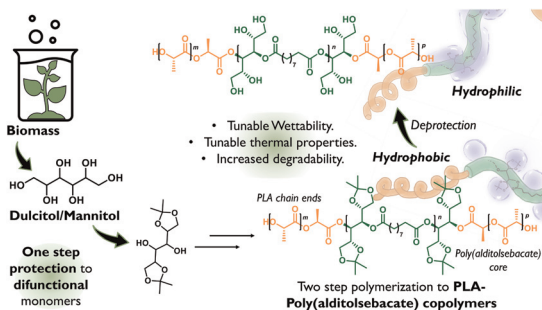
2070

Solvent Proticity during SI-RAFT of HPMA

Solvent effects on surface-grafted and solution-born poly[*N*-(2-hydroxypropyl) methacrylamide] during surface-initiated RAFT polymerization

Yu-Min Wang,* Anna Kálosi, Yuriy Halahovets, Hynek Beneš, Andres de los Santos Pereira and Ognjen Pop-Georgievski*

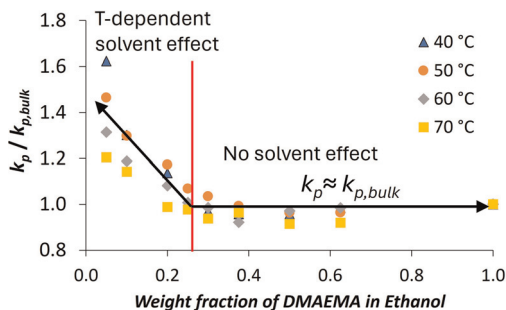
2081



Poly(alditol sebacate)-PLA copolymers: enhanced degradability and tunable surface properties

Stefano Gazzotti,* Minna Hakkarainen, Carlo Andrea Pagnacco, Marco Manenti, Alessandra Silvani, Hermes Farina, Luca Arnaboldi and Marco Aldo Ortenzi

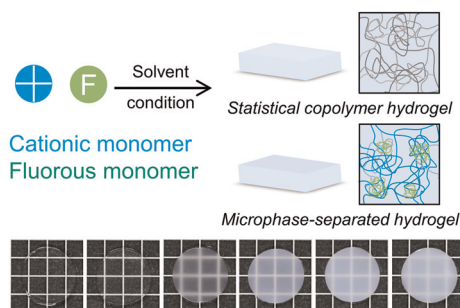
2094



Propagation rate coefficients of 2-(dimethylamino) ethyl methacrylate radical polymerization in bulk, alcohols and alcohol/water solutions determined by PLP-SEC

Opeyemi J. Ajogbeje, Igor Lacík and Robin A. Hutchinson*

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Tuning network structures of hydrophobic hydrogels by controlling polymerization solvent

Hailong Fan,* Daito Naohara, Wei Li,* Xiang Li and Jian Ping Gong*

