

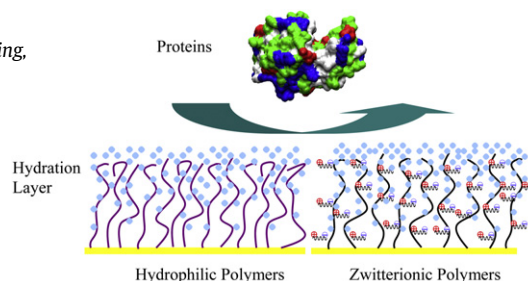
Polymer Vol. 51, No. 23, 29 October 2010

Contents

FEATURE ARTICLE

Surface hydration: Principles and applications toward low-fouling/nonfouling biomaterials

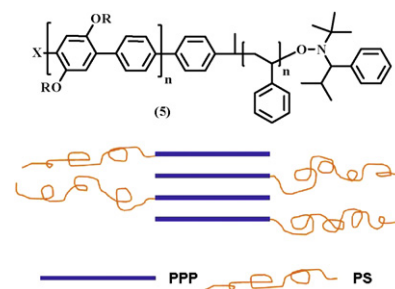
pp 5283–5293

Shenfu Chen^a, Lingyan Li^b, Chao Zhao^c, Jie Zheng^{c,*}^aState Key Laboratory of Chemical Engineering, Department of Chemical and Biological Engineering, Zhejiang University, Hangzhou 310027, PR China^bDepartment of Biomedical Engineering, Cleveland Clinic, Cleveland, OH 44195, USA^cDepartment of Chemical and Biomolecular Engineering, The University of Akron, Akron, OH 44325, USA

POLYMER COMMUNICATIONS

Synthesis of PPP-*b*-PS block copolymers using a combination of Suzuki-polycondensation and nitroxide-mediated radical polymerization

pp 5294–5303

Antje Britze^a, Josemon Jacob^b, Veena Choudhary^b, Vera Moellmann^a, Guido Grundmeier^a, Heinrich Luftmann^c, Dirk Kuckling^{a,*}^aDepartment Chemie, Universität Paderborn, D-33098 Paderborn, Germany^bCentre for Polymer Science and Engineering, IIT Delhi, New Delhi-110016, India^cFachbereich Chemie und Pharmazie, Westfälische Wilhelms-Universität Münster, Corrensstr. 40, D-48149 Münster, Germany

Controlling the phase behavior of block copolymers via sequential block growth

pp 5304–5308

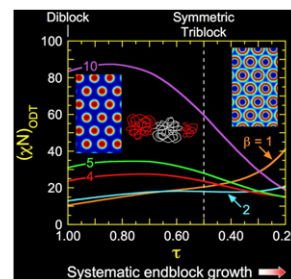
Arif O. Gozen^a, Michelle K. Gaines^b, Mark W. Hamersky^c, Panagiotis Maniadis^d,
Kim Ø. Rasmussen^d, Steven D. Smith^c, Richard J. Spontak^{a,b,*}

^a Department of Chemical and Biomolecular Engineering, North Carolina State University, Raleigh, NC 27695, USA

^b Department of Materials Science and Engineering, North Carolina State University, Raleigh, NC 27695, USA

^c Miami Valley Innovation Center, The Procter & Gamble Company, Cincinnati, OH 45061, USA

^d Theoretical Division, Los Alamos National Laboratory, Los Alamos, NM 87545, USA

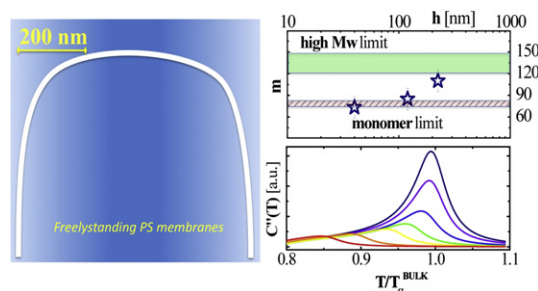


Structural relaxation and dynamic fragility of freely standing polymer films

pp 5309–5312

Simone Napolitano^{*}, Michael Wübbenhorst

Katholieke Universiteit Leuven, Laboratory for Acoustics and Thermal Physics,
Department of Physics and Astronomy, Celestijnenlaan 200D, B-3001 Leuven, Belgium



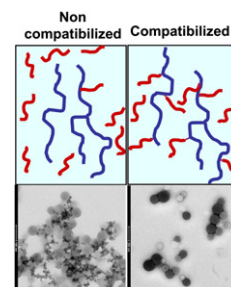
POLYMER PAPERS

A new strategy to improve alkyd/acrylic compatibilization in waterborne hybrid dispersions

pp 5313–5317

Monika Goikoetxea, Roque J. Minari, Itxaso Beristain, María Paulis, María J. Barandiaran,
José M. Asua^{*}

Institute for Polymer Materials, POLYMAT, Departamento de Química Aplicada, The University of The Basque Country, Centro Joxe Mari Korta, Avenida Tolosa 72, 20018 Donostia-San Sebastián, Spain

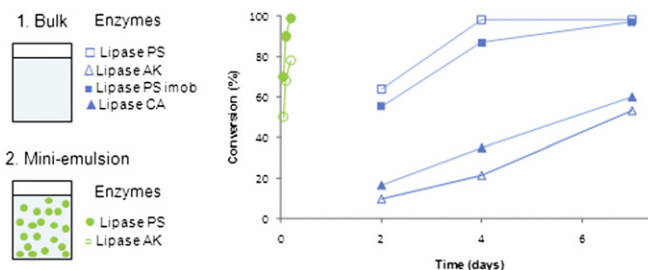


The environmental influence in enzymatic polymerization of aliphatic polyesters in bulk and aqueous mini-emulsion

pp 5318–5322

Sofia Målberg, Anna Finne-Wistrand, Ann-Christine Albertsson^{*}

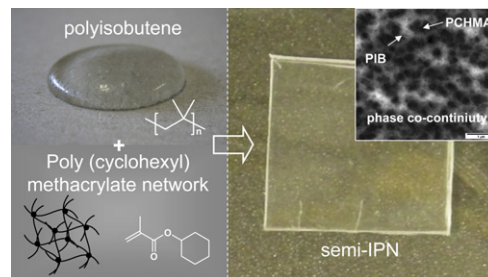
Department of Fibre and Polymer Technology, School of Chemical Science
and Engineering, Royal Institute of Technology, SE-100 44, Stockholm, Sweden



Immobilization of polyisobutene in semi-interpenetrating polymer network architecture

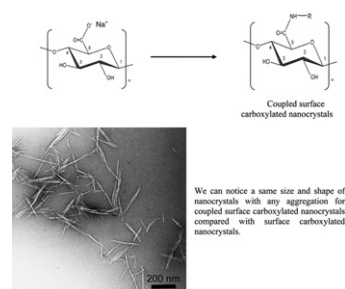
pp 5323–5331

Benjamin Davion, Cédric Vancaeyzeele, Odile Fichet*, Dominique Teyssié

Laboratoire de Physicochimie des Polymères et des Interfaces (LPPI), Université de Cergy-Pontoise, Institut des matériaux, 5 mail Gay-Lussac, Neuville-sur-Oise, 95000 Cergy-Pontoise Cedex, France**Coupling onto surface carboxylated cellulose nanocrystals**

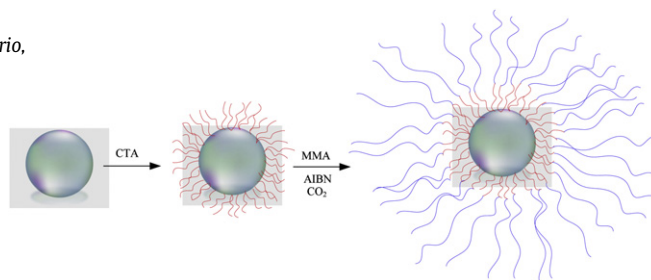
pp 5332–5344

Nadège Follain*, Marie-France Marais, Suzelei Montanari, Michel R. Vignon

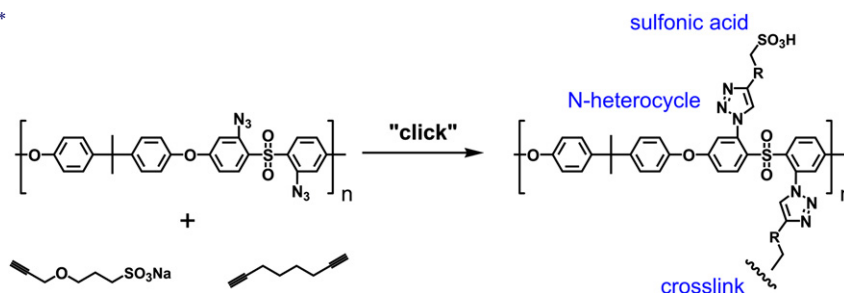
Centre de Recherches sur les Macromolécules Végétales, (CERMAV-CNRS), Affiliated with The Joseph Fourier University, BP 53, 38041 Grenoble Cedex 9, France**Synthesis of TiO₂-polymer nanocomposite in supercritical CO₂ via RAFT polymerization**

pp 5345–5351

Behnaz Hojjati, Paul A. Charpentier*

Department of Chemical and Biochemical Engineering, University of Western Ontario, London, Ontario, Canada N6A-5B1**'Click'-functionalization of poly(sulfone)s and a study of their utilities as proton conductive membranes in direct methanol fuel cells**

pp 5352–5358

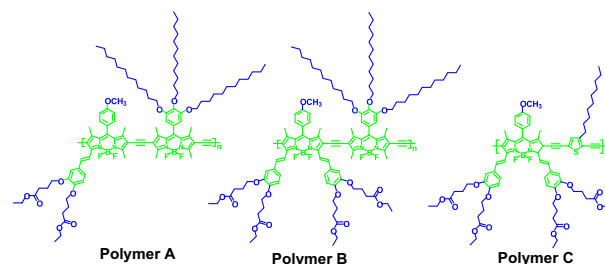
Brent C. Norris^a, Wen Li^b, Eungje Lee^b, Arumugam Manthiram^b, Christopher W. Bielawski^{a,*}^a *Department of Chemistry and Biochemistry, The University of Texas at Austin, 1 University Station, A5300, Austin, TX 78712, USA*^b *Materials Science and Engineering Program, The University of Texas at Austin, Austin, TX 78712, USA*

Near-infrared emissive BODIPY polymeric and copolymeric dyes

pp 5359–5368

Venkat R. Donuru, Shilei Zhu, Sarah Green, Haiying Liu*

Department of Chemistry, Michigan Technological University, 1400 Townsend Drive,
Houghton, MI 49931, United States



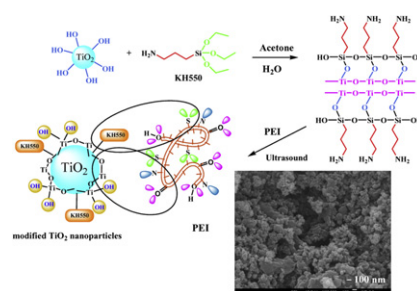
Studies on syntheses and morphology characteristic of chiral novel poly(ester-imide)/TiO₂ bionanocomposites derived from L-phenylalanine based diacid

pp 5369–5376

Shadpour Mallakpour^{a,b,*}, Samaneh Soltanian^a

^a Organic Polymer Chemistry Research Laboratory, Department of Chemistry, Isfahan University of Technology, Isfahan 84156-83111, Islamic Republic of Iran

^b Nanotechnology and Advanced Materials Institute, Isfahan University of Technology, Isfahan 84156-83111, Islamic Republic of Iran



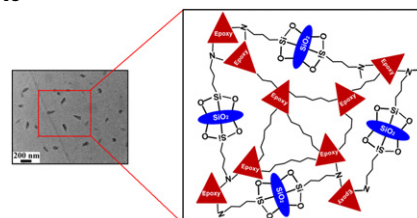
Solvent-Free One-Pot Synthesis of high performance silica/epoxy nanocomposites

pp 5377–5384

Nopphawan Phonthamachai^{a,*}, Hongling Chia^a, Xu Li^a, Fuke Wang^a, Weng Weei Tjiu^a, Chaobin He^{a,b,**}

^a Institute of Materials Research and Engineering, A*STAR (Agency for Science, Technology and Research), 3 Research Link, Singapore 117602, Singapore

^b Department of Materials Science & Engineering, National University of Singapore, Singapore 117574, Singapore



Conjugated copolymers based on dihexyl-benzimidazole moiety for organic photovoltaics

pp 5385–5391

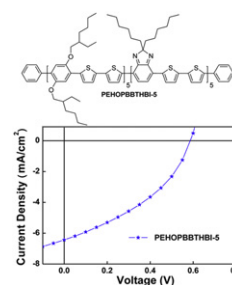
Suhee Song^a, Sung Heum Park^b, Youngeup Jin^c, Il Kim^d, Kwanghee Lee^b, Hongsuk Suh^{a,*}

^a Department of Chemistry and Chemistry Institute for Functional Materials, Pusan National University, Busan 609-735, Republic of Korea

^b Department of Materials Science and Engineering, Gwangju Institute of Science and Technology, Gwangju 500-712, Republic of Korea

^c Department of Industrial Chemistry, Pukyong National University, Busan 608-739, Republic of Korea

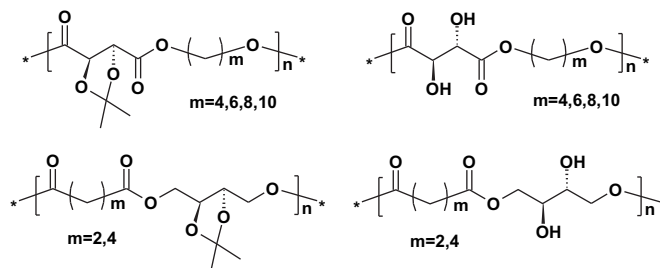
^d The WCU Center for Synthetic Polymer Bioconjugate Hybrid Materials, Department of Polymer Science and Engineering, Pusan National University, Busan 609-735, Republic of Korea



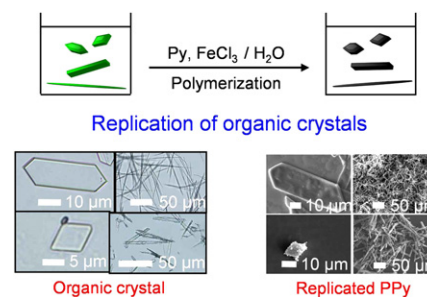
Synthesis and characterization of polyesters based on tartaric acid derivatives

pp 5392–5399

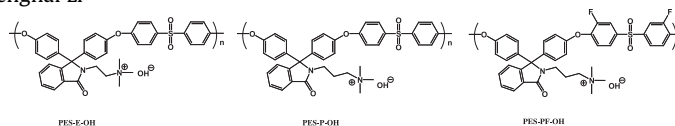
Sunil Dhamaniya, Josemon Jacob*

Centre for Polymer Science and Engineering, Indian Institute of Technology,
Hauz Khas, New Delhi 110016, India**Shape-controlled fabrication of polypyrrole microstructures by replicating organic crystals through electrostatic interactions**

pp 5400–5406

Sang Soo Jeon^a, Chong Seung Yoon^b, Seung Soon Im^{a,*}^a Department of Fiber and Polymer Engineering, Hanyang University, Seoul 133-791, Republic of Korea^b Division of Materials Science and Engineering, Hanyang University, Seoul 133-791, Republic of Korea**Synthesis and alkaline stability of novel cardo poly(aryl ether sulfone)s with pendent quaternary ammonium aliphatic side chains for anion exchange membranes**

pp 5407–5416

Qiang Zhang^{a,b}, Qifeng Zhang^{a,b}, Junhua Wang^{a,b}, Suobo Zhang^{a,*}, Shenghai Li^a^a Key Laboratory of Advanced Ecomaterials, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun 130022, China^b Graduate School of Chinese Academy of Sciences, Beijing 100049, China

the order of conductivity is: PES-PF-OH > PES-E-OH ~ PES-P-OH > PES-B-OH

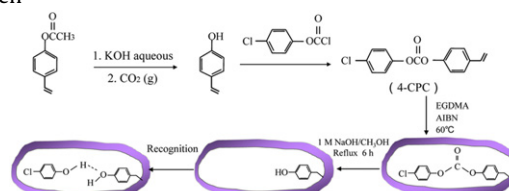
the order of alkaline stability is: PES-B-OH > PES-P-OH > PES-E-OH > PES-PF-OH

Molecularly imprinted polymers synthesized via semi-covalent imprinting with sacrificial spacer for imprinting phenols

pp 5417–5423

Peipei Qi, Jincheng Wang, Liandi Wang, Yun Li, Jing Jin, Fan Su, Yuzeng Tian, Jiping Chen*

Dalian Institute of Chemical Physics, Chinese Academy of Science, Dalian 116023, China

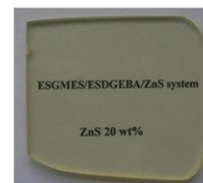
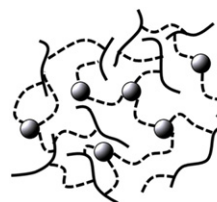


Preparation and characterization of novel ZnS/sulfur-containing polymer nanocomposite optical materials with high refractive index and high nanophase contents

pp 5424–5431

Zhe Lin, Yuanrong Cheng, Hao Lü, Liang Zhang, Bai Yang*

State Key Laboratory of Supramolecular Structure and Materials, College of Chemistry, Jilin University, Changchun 130012, People's Republic of China



Synthesis, characterization and fine-tuning of bimodal poly(organosiloxane) nanoparticles

pp 5432–5439

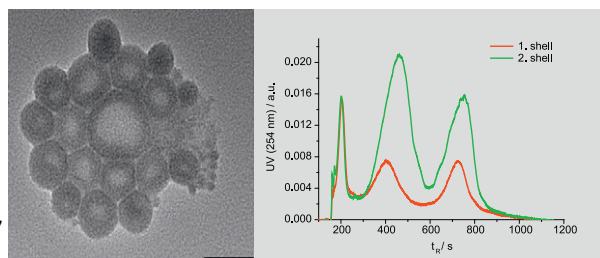
C. Scherer^{a,b}, S. Utech^{a,c}, S. Scholz^a, S. Noskov^a, P. Kindervater^d, R. Graf^d, A.F. Thünemann^b, M. Maskos^{a,b,*}

^a Institut für Physikalische Chemie, Universität Mainz, Jakob-Welder-Weg 11, 55128 Mainz, Germany

^b BAM Federal Institute for Materials Research and Testing, Unter den Eichen 87, 12205 Berlin, Germany

^c Institut für Mikrotechnik Mainz GmbH (IMM), Carl-Zeiss-Straße 18-20, 55129 Mainz, Germany

^d Max-Planck-Institute for Polymer Research, Ackermannweg 10, 55128 Mainz, Germany



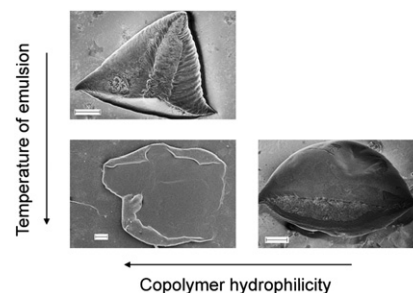
Structure and mechanical properties of polylactide copolymer microspheres and capsules

pp 5440–5447

Milad Al Helou^a, Nishat Anjum^a, Marie-Alice Guedeau-Boudeville^a, Michael Rosticher^b, Ahmed Mourchid^{a,*}

^a Matière et Systèmes Complexes (MSC), UMR 7057 CNRS and Université Paris Diderot, 75205 Paris cedex 13, France

^b Département de Physique, Ecole Normale Supérieure, 24 rue Lhomond, 75231 Paris 5, France



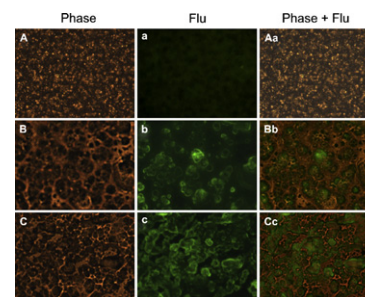
Synthesis, characterization and degradation of biodegradable thermoplastic elastomers from poly(ester urethane)s and renewable soy protein isolate biopolymer

pp 5448–5455

Wenshou Wang^a, Yanlin Guo^b, Joshua U. Otaigbe^{a,*}

^a School of Polymers & High Performance Materials, The University of Southern Mississippi, Hattiesburg, MS 39406-0076, United States

^b Department of Biological Sciences, The University of Southern Mississippi, Hattiesburg, MS 39406-0076, United States



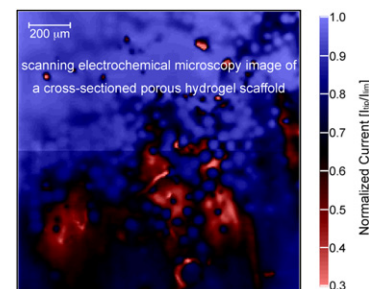
Scanning electrochemical microscopy measurements of photopolymerized poly(ethylene glycol) hydrogels

pp 5456–5461

Kavita M. Jeerage^{a,*}, Stephanie M. LaNasa^b, Holly A. Hughes^b, Damian S. Lauria^a, Stephanie J. Bryant^b, Andrew J. Slifka^a

^a Materials Reliability Division, National Institute of Standards and Technology, 325 Broadway, Boulder, CO 80305, USA

^b Department of Chemical and Biological Engineering, University of Colorado, 424 UCB, Boulder, CO 80309, USA

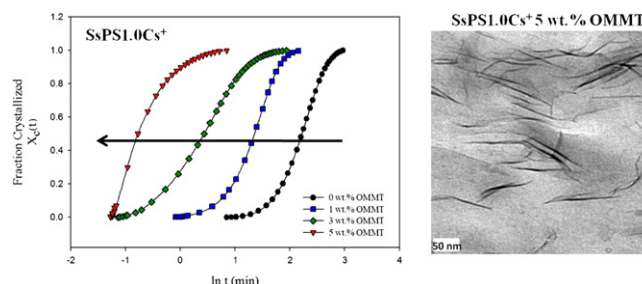


Isothermal crystallization of lightly sulfonated syndiotactic polystyrene/montmorillonite clay nanocomposites

pp 5462–5472

Sonya D. Benson, Robert B. Moore^{*}

Department of Chemistry, Macromolecules and Interfaces Institute, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061, United States

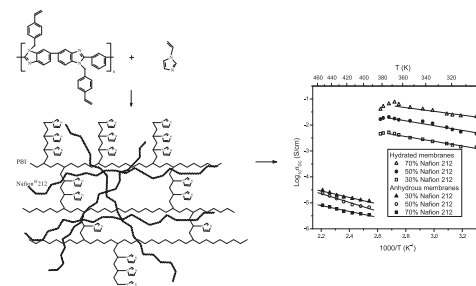


Proton conducting membranes based on semi-interpenetrating polymer network of Nafion[®] and polybenzimidazole

pp 5473–5481

Yisi Guan, Hongting Pu^{*}, Haiyan Pan, Zhihong Chang, Ming Jin

Institute of Functional Polymers, School of Materials Science & Engineering, Tongji University, Shanghai, 200092, PR China



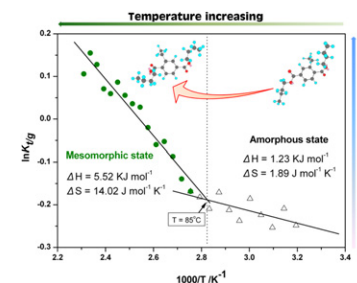
Conformational changes in novel thermotropic liquid crystalline polymer without conventional mesogens: A Raman spectroscopic investigation

pp 5482–5489

Hui Tang^a, Shengtong Sun^a, Jiwen Wu^a, Peiyi Wu^{a,*}, Xinhua Wan^b

^a The Key Laboratory of Molecular Engineering of Polymers (Ministry of Education), Department of Macromolecular Science and Advanced Materials Laboratory, Fudan University, Shanghai 200433, China

^b College of Chemistry and Molecular Engineering, Peking University, Beijing 100871, China



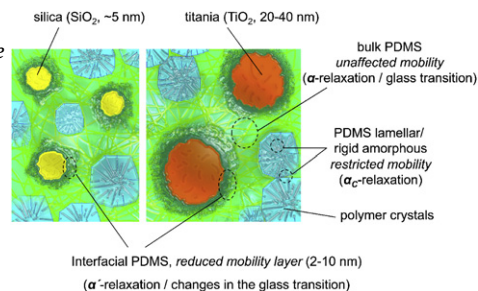
Comparative studies on effects of silica and titania nanoparticles on crystallization and complex segmental dynamics in poly(dimethylsiloxane)

pp 5490–5499

P. Klonos^{a,*}, A. Panagopoulou^a, L. Bokobza^b, A. Kyritsis^a, V. Peoglos^a, P. Pissis^a

^a Department of Physics, National Technical University of Athens, Zografou Campus, 15780, Athens, Greece

^b Laboratoire PPMD, E.S.P.C.I., 10 rue Vauquelin, 75231 Paris Cedex, France

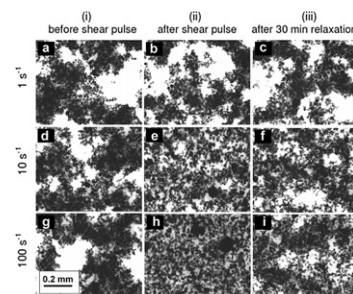


Shear influenced network dynamics and electrical conductivity recovery in carbon nanotube/epoxy suspensions

pp 5500–5505

Sonja Carolin Schulz^{*}, Wolfgang Bauhofer

Technische Universität Hamburg-Harburg, Eißendorfer Straße 38, D-21073 Hamburg, Germany



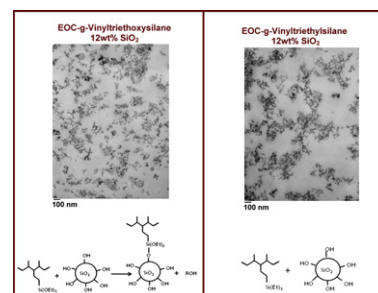
Effect of polymer/filler interactions on the structure and rheological properties of ethylene-octene copolymer/nanosilica composites

pp 5506–5515

Mathieu Bailly^a, Marianna Kontopoulou^{a,*}, Khalil El Mabrouk^b

^a Department of Chemical Engineering, Queen's University, Kingston, ON, Canada K7L 3N6

^b Institute of Nanomaterials and Nanotechnology, MAScIR (Moroccan Advanced Science, Innovation and Research Foundation), Rabat, Morocco



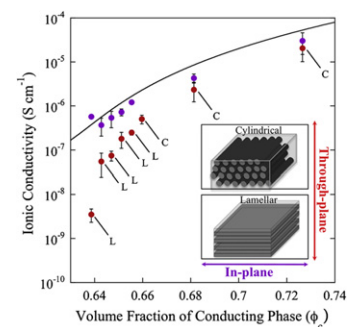
Block copolymer/ionic liquid films: The effect of ionic liquid composition on morphology and ion conduction

pp 5516–5524

Liang Gwee^a, Jae-Hong Choi^b, Karen I. Winey^{b,*}, Yossef A. Elabd^{a,*}

^a Department of Chemical and Biological Engineering, Drexel University, Philadelphia, PA 19104, United States

^b Department of Materials Science and Engineering, University of Pennsylvania, Philadelphia, PA 19104, United States



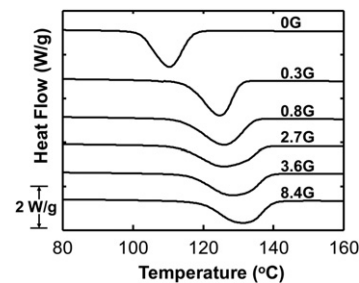
Polypropylene-graphite nanocomposites made by solid-state shear pulverization: Effects of significantly exfoliated, unmodified graphite content on physical, mechanical and electrical properties

pp 5525–5531

Katsuyuki Wakabayashi^a, Philip J. Brunner^a, Jun'ichi Masuda^a, Sheldon A. Hewlett^b, John M. Torkelson^{a,b,*}

^a Department of Chemical and Biological Engineering, Northwestern University, Evanston, IL 60208, USA

^b Department of Materials Science and Engineering, Northwestern University, Evanston, IL 60208, USA



Kinetic study of the II–I phase transition of isotactic polybutene-1

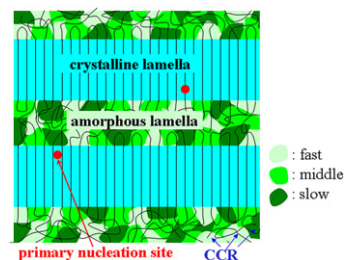
pp 5532–5538

Masanori Maruyama^a, Yusuke Sakamoto^a, Koji Nozaki^{a,*}, Takashi Yamamoto^a, Hiroshi Kajioka^b, Akihiko Toda^b, Koji Yamada^c

^a Department of Physics, Graduate School of Science and Engineering, Yamaguchi University, Yamaguchi 753-8512, Japan

^b Graduate School of Integrated Arts and Sciences, Hiroshima University, Higashi-Hiroshima 739-8521, Japan

^c Kawasaki Development Center, SunAllomer Ltd., 3-2, Yako 2-chome, Kawasaki-ku, Kawasaki 210-0863, Japan

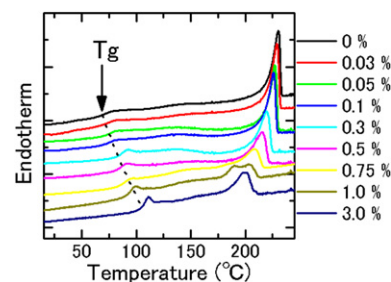


Role of boric acid for a poly (vinyl alcohol) film as a cross-linking agent: Melting behaviors of the films with boric acid

pp 5539–5549

Tsukasa Miyazaki^{*}, Yuuki Takeda, Sachiko Akane, Takahiko Itou, Akie Hoshiko, Keiko En

Functional Design Technology Center, Nitto Denko Corporation, 1-1-2, Shimohozumi, Ibaraki, Osaka 567-8680, Japan

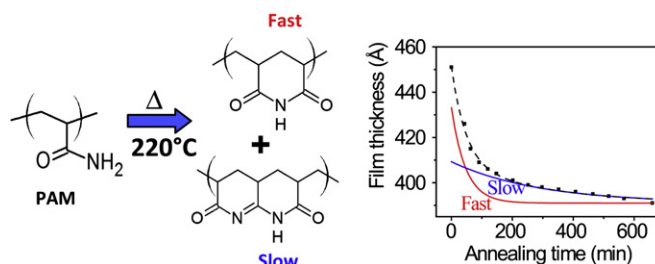


Study of structural evolution during controlled degradation of ultrathin polymer films

pp 5550–5555

Mojammel H. Mondal, M. Mukherjee^{*}

Surface Physics Division, Saha Institute of Nuclear Physics, 1/AF, Bidhannagar, Kolkata-64, India



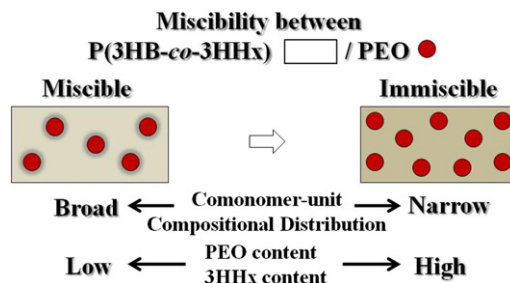
Effect of comonomer-unit composition and its distribution of bacterial poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) on miscibility and physical properties of its blend with poly(ethylene oxide)

pp 5556–5566

Fang Yu^a, Nobuo Nakamura^b, Yoshio Inoue^{a,*}

^a Department of Biomolecular Engineering, Tokyo Institute of Technology, Nagatsuta 4259-B-55, Midori-ku, Yokohama 226-8501, Japan

^b GP Business Development Division, KANEKA Corporation, 5-1-1, Torikai-Nishi, Settsu, Osaka 566-0072, Japan

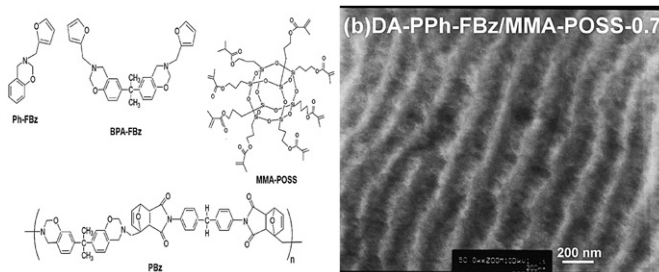


Preparation, morphology, and ultra-low dielectric constants of benzoxazine-based polymers/polyhedral oligomeric silsesquioxane (POSS) nanocomposites

pp 5567–5575

Min-Chi Tseng, Ying-Ling Liu^{*}

Department of Chemical Engineering and R&D Center for Membrane Technology, Chung Yuan Christian University, Chungli, Taoyuan 32023, Taiwan

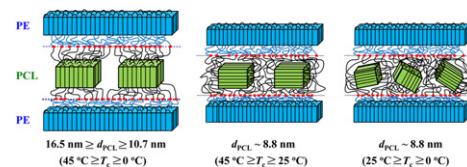


Crystal orientation of poly(ε-caprolactone) blocks confined in crystallized polyethylene lamellar morphology of poly(ε-caprolactone)-block-polyethylene copolymers

pp 5576–5584

Tomoki Higa, Hikaru Nagakura, Takuya Sakurai, Shuichi Nojima^{*}

Department of Organic and Polymeric Materials, Graduate School of Science and Engineering, Tokyo Institute of Technology, H-125, 2-12-1 Ookayama Meguro-Ku, Tokyo 152-8552, Japan



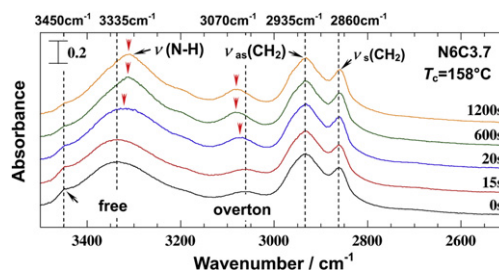
Real-time investigation of crystallization in nylon 6-clay nano-composite probed by infrared spectroscopy

pp 5585–5591

Takaya Ishisue^a, Masami Okamoto^{a,*}, Kohji Tashiro^b

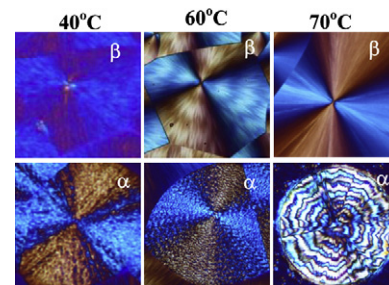
^a Advanced Polymeric Nanostructured Materials Engineering, Graduate School of Engineering, Toyota Technological Institute, 2-12-1 Hisakata, Tempaku, Nagoya 468 8511, Japan

^b Department of Future Industry-oriented Basic Science and Materials, Graduate School of Engineering, Toyota Technological Institute, 2-12-1 Hisakata, Tempaku, Nagoya 468 8511, Japan

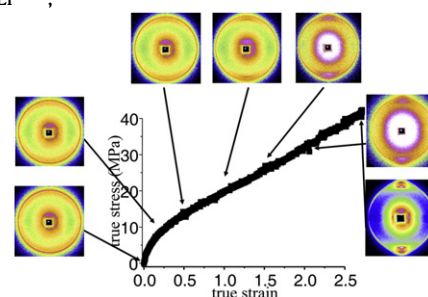


Six types of spherulite morphologies with polymorphic crystals in poly(heptamethylene terephthalate)

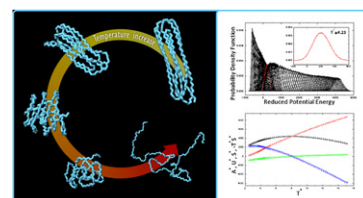
pp 5592–5603

Kai Cheng Yen^a, Eamor M. Woo^{a,*}, Kohji Tashiro^{b,**}^a Department of Chemical Engineering, National Cheng Kung University, Tainan, 701, Taiwan ROC^b Department of Future Industry-oriented Basic Science and Materials, Toyota Technological Institute, Tempaku, Nagoya 468-8511, Japan**Deformation-induced phase transitions of polyamide 12 in its elastomer segmented copolymers**

pp 5604–5611

Liangui Bai^a, Zhihua Hong^b, Daoliang Wang^a, Junjun Li^a, Xiao Wang^a, Guoqiang Pan^a, Liangbin Li^{a,b,*}, Xiuhong Li^c^a National Synchrotron Radiation Lab and College of Nuclear Science and Technology, University of Science and Technology of China, Hefei, China^b CAS Key Lab of Softmatter Chemistry, University of Science and Technology of China, Hefei, China^c Shanghai Synchrotron Light Facility, Shanghai, China**A polyethylene chain investigated with replica exchange molecular dynamics simulation: Equilibrium lamellar thickness and melting point, ordering and free energy**

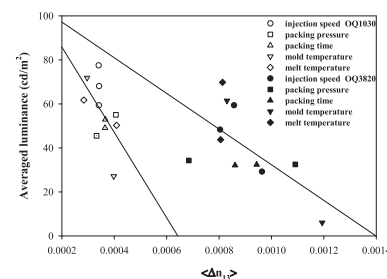
pp 5612–5622

Ting Li^{a,b,**}, Zhouting Jiang^{c,d}, Dadong Yan^e, Erik Nies^{a,d,*}^a Polymer Research Division, Department of Chemistry and The Leuven Mathematical Modeling and Computational Science Centre (LMCC), Katholieke Universiteit Leuven, Celestijnenlaan 200F, B-3001 Heverlee, Belgium^b State Key Laboratory of Polymer Physics & Chemistry, Center for Molecular Science, Institute of Chemistry, Chinese Academy of Sciences, Zhongguancun, Beijing 100080, Peoples' Republic of China^c Department of Applied Physics, China Jiliang University, Hangzhou 310018, China^d Laboratory of Polymer Technology, Eindhoven University of Technology, P.O. Box 513, 5600MB Eindhoven, The Netherlands^e Department of Physics, Beijing Normal University, Beijing 100875, China**Frozen-in birefringence and anisotropic shrinkage in optical moldings: II. Comparison of simulations with experiments on light-guide plates**

pp 5623–5639

Avraam I. Isayev^{*}, Tsui Hsun Lin, Keehae Kwon

Department of Polymer Engineering, The University of Akron, Akron, OH 44325-0301, United States



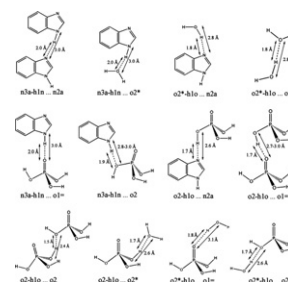
Molecular simulations of neat, hydrated, and phosphoric acid-doped polybenzimidazoles. Part 1: Poly(2,2'-*m*-phenylene-5,5'-bibenzimidazole) (PBI), poly(2,5-benzimidazole) (ABPBI), and poly(*p*-phenylene benzobisimidazole) (PBDI)

pp 5640–5648

Shuo Li^a, J.R. Fried^{a,*}, John Colebrook^b, Jonathan Burkhardt^a

^a Department of Chemical Engineering, University of Cincinnati, Cincinnati, OH 45221-0012, USA

^b NSF REU student, Department of Chemical Engineering, Bucknell University, Lewisburg, PA 17837, USA



*Corresponding author



Full text of this journal is available, on-line from **ScienceDirect**. Visit www.sciencedirect.com for more information.

Abstracted/indexed in: AGRICOLA, Beilstein, BIOSIS Previews, CAB Abstracts, Chemical Abstracts, Current Contents: Life Sciences, Current Contents: Physical, Chemical and Earth Sciences, Current Contents Search, Derwent Drug File, Ei compendex, EMBASE/Excerpta Medica, Medline, PASCAL, Research Alert, Science Citation Index, SciSearch. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®



ELSEVIER

ISSN 0032-3861

Author Index

- Akane, S. 5539
 Al Helou, M. 5440
 Albertsson, A.-C. 5318
 Anjum, N. 5440
 Asua, J. M. 5313
- Bai, L. 5604
 Bailly, M. 5506
 Barandiaran, M. J. 5313
 Bauhofer, W. 5500
 Benson, S. D. 5462
 Beristain, I. 5313
 Bielawski, C. W. 5352
 Bokobza, L. 5490
 Britze, A. 5294
 Brunner, P. J. 5525
 Bryant, S. J. 5456
 Burkhardt, J. 5640
- Chang, Z. 5473
 Charpentier, P. A. 5345
 Chen, J. 5417
 Chen, S. 5283
 Cheng, Y. 5424
 Chia, H. 5377
 Choi, J.-H. 5516
 Choudhary, V. 5294
 Colebrook, J. 5640
- Davion, B. 5323
 Dhamaniya, S. 5392
 Donuru, V. R. 5359
- El Mabrouk, K. 5506
 Elabd, Y. A. 5516
 En, K. 5539
- Fichet, O. 5323
 Finne-Wistrand, A. 5318
 Follain, N. 5332
 Fried, J. R. 5640
- Gaines, M. K. 5304
 Goikoetxea, M. 5313
 Gozen, A. O. 5304
 Graf, R. 5432
 Green, S. 5359
 Grundmeier, G. 5294
 Guan, Y. 5473
 Guedeau-Boudeville, M.-A. 5440
 Guo, Y. 5448
 Gwee, L. 5516
- Hamersky, M. W. 5304
 He, C. 5377
 Hewlett, S. A. 5525
 Higa, T. 5576
 Hojjati, B. 5345
 Hong, Z. 5604
 Hoshiko, A. 5539
 Hughes, H. A. 5456
- Im, S. S. 5400
 Inoue, Y. 5556
 Isayev, A. I. 5623
 Ishisue, T. 5585
 Itou, T. 5539
- Jacob, J. 5294, 5392
 Jeerage, K. M. 5456
 Jeon, S. S. 5400
- Jiang, Z. 5612
 Jin, J. 5417
 Jin, M. 5473
 Jin, Y. 5385
- Kajioaka, H. 5532
 Kim, I. 5385
 Kindervater, P. 5432
 Klonos, P. 5490
 Kontopoulou, M. 5506
 Kuckling, D. 5294
 Kwon, K. 5623
 Kyritsis, A. 5490
- LaNasa, S. M. 5456
 Lauria, D. S. 5456
 Lee, E. 5352
 Lee, K. 5385
 Li, J. 5604
 Li, L. 5283
 Li, Liangbin 5604
 Li, S. 5407
 Li, Shuo 5640
 Li, T. 5612
 Li, W. 5352
 Li, X. 5377
 Li, Xiuhong 5604
 Li, Y. 5417
 Lin, T. H. 5623
 Lin, Z. 5424
 Liu, H. 5359
 Liu, Y.-L. 5567
 Lü, H. 5424
 Luftmann, H. 5294
- Mälberg, S. 5318
 Mallakpour, S. 5369
 Maniadis, P. 5304
 Manthiram, A. 5352
 Marais, M.-F. 5332
 Maruyama, M. 5532
 Maskos, M. 5432
 Masuda, J. 5525
 Minari, R. J. 5313
 Miyazaki, T. 5539
 Moellmann, V. 5294
 Mondal, M. H. 5550
 Montanari, S. 5332
 Moore, R. B. 5462
 Mouchid, A. 5440
 Mukherjee, M. 5550
- Nagakura, H. 5576
 Nakamura, N. 5556
 Napolitano, S. 5309
 Nies, E. 5612
 Nojima, S. 5576
 Norris, B. C. 5352
 Noskov, S. 5432
 Nozaki, K. 5532
- Okamoto, M. 5585
 Otaigbe, J. U. 5448
- Pan, G. 5604
 Pan, H. 5473
 Panagopoulou, A. 5490
 Park, S. H. 5385
- Paulis, M. 5313
 Peoglos, V. 5490
 Phonthamachai, N. 5377
 Pissis, P. 5490
 Pu, H. 5473
- Qi, P. 5417
- Rasmussen, K. Ø. 5304
 Rosticher, M. 5440
- Sakamoto, Y. 5532
 Sakurai, T. 5576
 Scherer, C. 5432
 Scholz, S. 5432
 Schulz, S. C. 5500
 Slifka, A. J. 5456
 Smith, S. D. 5304
 Soltanian, S. 5369
 Song, S. 5385
 Spontak, R. J. 5304
 Su, F. 5417
 Suh, H. 5385
 Sun, S. 5482
- Takeda, Y. 5539
 Tang, H. 5482
 Tashiro, K. 5585, 5592
 Teyssié, D. 5323
 Thünemann, A. F. 5432
 Tian, Y. 5417
 Tjiu, W. W. 5377
 Toda, A. 5532
 Torkelson, J. M. 5525
 Tseng, M.-C. 5567
- Utech, S. 5432
- Vancaeyzeele, C. 5323
 Vignon, M. R. 5332
- Wakabayashi, K. 5525
 Wan, X. 5482
 Wang, D. 5604
 Wang, F. 5377
 Wang, J. 5407
 Wang, Junhua 5417
 Wang, L. 5417
 Wang, W. 5448
 Wang, X. 5604
 Winey, K. I. 5516
 Woo, E. M. 5592
 Wu, J. 5482
 Wu, P. 5482
 Wübbenhorst, M. 5309
- Yamada, K. 5532
 Yamamoto, T. 5532
 Yan, D. 5612
 Yang, B. 5424
 Yen, K. C. 5592
 Yoon, C. S. 5400
 Yu, F. 5556
- Zhang, L. 5424
 Zhang, Q. 5407
 Zhang, S. 5407
 Zhao, C. 5283
 Zheng, J. 5283
 Zhu, S. 5359