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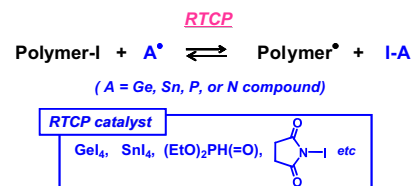
FEATURE ARTICLE

Reversible chain transfer catalyzed polymerization (RTCP): A new class of living radical polymerization

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Atsushi Goto, Yoshinobu Tsujii*, Takeshi Fukuda*

Institute for Chemical Research, Kyoto University, Uji, Kyoto 611-0011, Japan



POLYMER COMMUNICATIONS

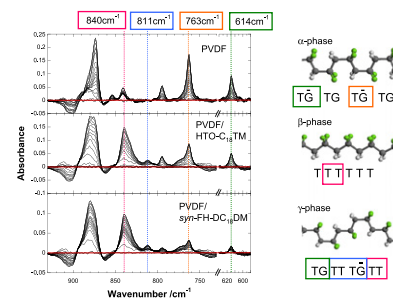
Real-time investigation of crystallization in poly(vinylidene fluoride)-based nano-composites probed by infrared spectroscopy

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Kumiko Asai^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*



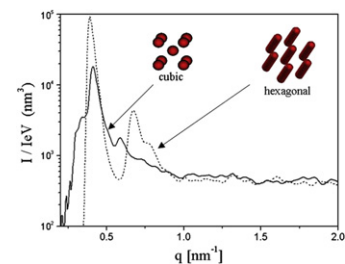
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Andrés E. Ciolino^{a,*}, Leopoldo R. Gómez^b, Daniel A. Vega^b, Marcelo A. Villar^a, Enrique M. Vallés^a

^a *Planta Piloto de Ingeniería Química, PLAPIQUI (UNS-CONICET), Camino La Carrindanga Km. 7, 8000 Bahía Blanca, Argentina*

^b *Departamento de Física, Universidad Nacional del Sur (UNS), Av. Alem 1253, 8000 Bahía Blanca, Argentina*



A visible light photochemical route to silver–epoxy nanocomposites by simultaneous polymerization–reduction approach

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Yusuf Yagci^{a,*}, Marco Sangermano^{b,**}, Giancarlo Rizza^c

^a *Istanbul Technical University, Department of Chemistry, Maslak, TR-34469, Istanbul, Turkey*

^b *Dipartimento di Scienza dei Materiali e Ingegneria Chimica, Politecnico di Torino, C.so Duca degli Abruzzi 24, I-10129 Torino, Italy*

^c *Laboratoire des Solides Irradiés, Ecole Polytechnique, 91128 Palaiseau Cedex, France*



POLYMER PAPERS

Z-RAFT star polymerization of styrene: Comprehensive characterization using size-exclusion chromatography

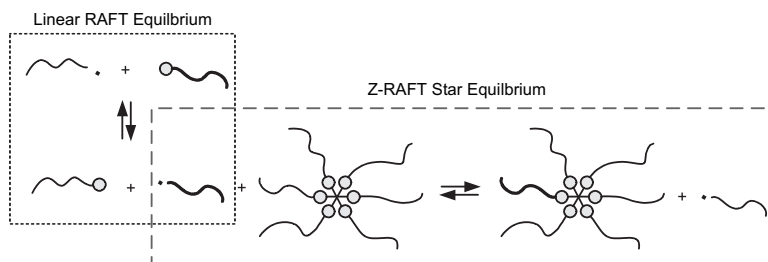
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Daniel Boschmann^a, Rob Edam^{b,c}, Peter J. Schoenmakers^b, Philipp Vana^{a,*}

^a *Institut für Physikalische Chemie, Georg-August-Universität Göttingen, Tammannstrasse 6, D-37077 Göttingen, Germany*

^b *Polymer-Analysis Group, Van't Hoff Institute for Molecular Sciences, University of Amsterdam, Nieuwe Achtergracht 166, 1018 WV Amsterdam, The Netherlands*

^c *Dutch Polymer Institute, P.O. Box 902, 5600 AX Eindhoven, The Netherlands*

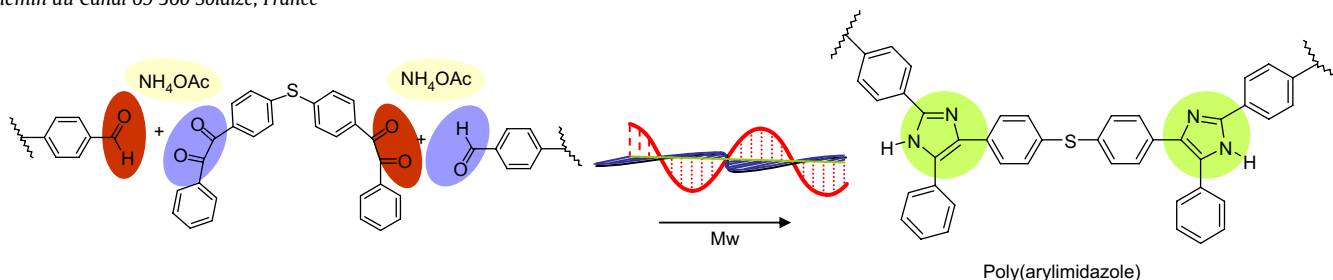


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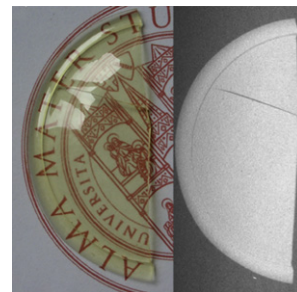
Edouard Chauveau, Catherine Marestin^{*}, Vincent Martin, Régis Mercier

Laboratoire des Matériaux Organiques à Propriétés Spécifiques, UMR5041 CNRS – Université de Savoie, Chemin du Canal 69 360 Solaize, France

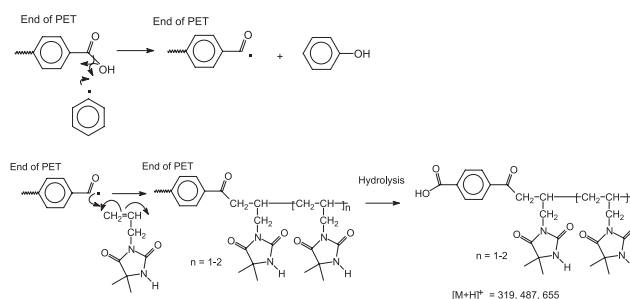


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Laura Mazzocchetti^a, Mariastella Scandola^{a,*}, Antonino Pollicino^b^a Dipartimento di Chimica "G. Ciamician", Università di Bologna and INSTM UdR Bologna, Via Selmi 2, 40126 Bologna, Italy^b Dipartimento di Metodologie Fisiche e Chimiche per l'Ingegneria, Università di Catania and INSTM UdR Catania, Viale A. Doria 6, 95125 Catania, Italy**Functional modification of poly(ethylene terephthalate) with an allyl monomer: Chemistry and structure characterization**

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Song Liu^a, Gang Sun^{b,*}^a Department of Textile Sciences, University of Manitoba, Winnipeg, Canada^b Division of Textile and Clothing, University of California, Davis, One Shields Avenue, Davis, CA 95616, USA**Ring opening of epoxides catalysed by poly(amidoamine) dendrimer supported on crosslinked polystyrene**

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G. Rajesh Krishnan, K. Sreekumar*

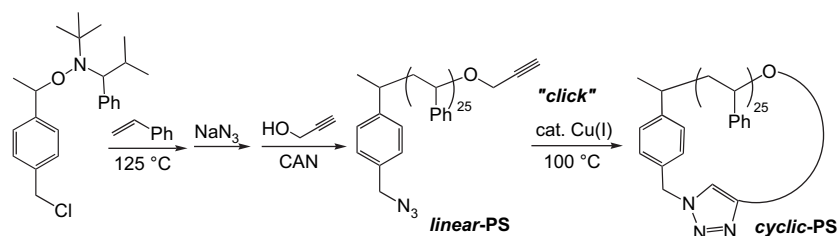
Department of Applied Chemistry, Cochin University of Science and Technology, Cochin 682022, Kerala, India

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Greg O'Bryan, Niwat Ningnuek, Rebecca Braslau*

Department of Chemistry and Biochemistry, University of California, Santa Cruz, CA 95064, USA

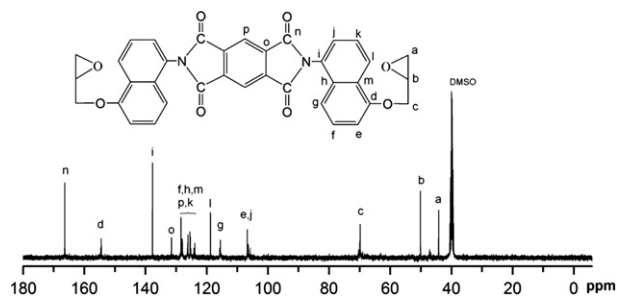


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Hua Ren, Jianzhong Sun*, Qian Zhao, Qiyun Zhou, Qincai Ling

State key laboratory of Chemical Engineering, Department of Chemical and Biochemical Engineering, Zhejiang University, Hangzhou 310027, China



Utilising matrix-assisted laser desorption/ionisation techniques for the generation of structural information from different end-group functionalised poly(methyl methacrylate)s

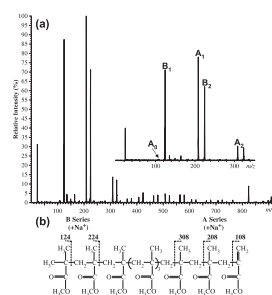
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Anthony T. Jackson^{a,*}, Alan Bunn^{b,1}, Michael S. Chisholm^c

^a AkzoNobel CARG, No. 137 Jiangtian East Road, Songjiang Industrial Estate, Shanghai 201600, PR China

^b ICI Measurement Science Group, ICI plc, Wilton Centre, Wilton, Redcar, Cleveland TS10 4RF, UK

^c Lucite International UK Ltd, Wilton Centre, Wilton, Redcar, Cleveland TS10 4RF, UK

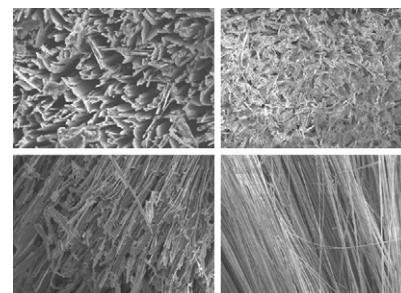


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Jihuai Wu*, Qunwei Tang, Qinghua Li, Jianming Lin

The Key Laboratory for Functional Materials of Fujian Higher Education, Institute of Material Physical Chemistry, Huaqiao University, Quanzhou 362021, China

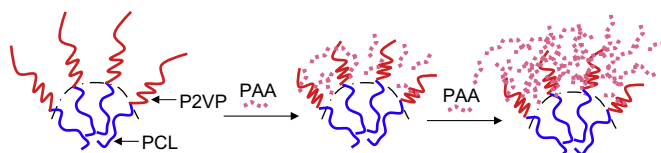


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Nishar Hameed, Qipeng Guo*

Centre for Material and Fibre Innovation, Deakin University, Geelong, Victoria 3217, Australia



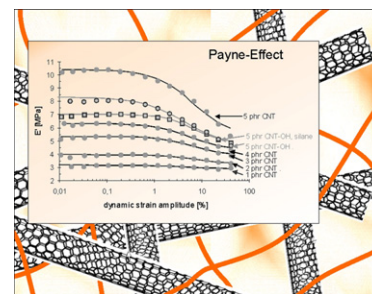
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A. Das^{a,*}, K.W. Stöckelhuber^a, R. Jurk^a, M. Saphiannikova^a, J. Fritzsche^b, H. Lorenz^b, M. Klüppel^b, G. Heinrich^a

^a Leibniz-Institut für Polymerforschung Dresden e.V., Hohe Strasse 6, Dresden, Germany

^b Deutsches Institut für Kautschuktechnologie Hannover e.V., Germany



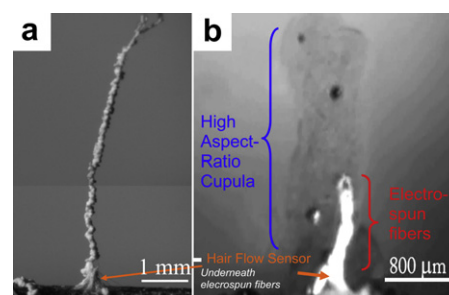
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Kyle D. Anderson^a, David Lu^a, Michael E. McConney^a, Tao Han^b, Darrell H. Reneker^b, Vladimir V. Tsukruk^{a,*}

^a School of Materials Science and Engineering & School of Polymer Textile and Fiber Engineering, Georgia Institute of Technology, Atlanta, GA 30332-0245, USA

^b The Maurice Institute of Polymer Science, The University of Akron, Akron, OH 44325-3909, USA

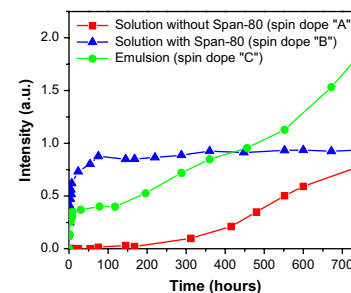


Preparation, characterization, and encapsulation/release studies of a composite nanofiber mat electrospun from an emulsion containing poly(lactic-co-glycolic acid)

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Yiliang Liao, Lifeng Zhang, Yi Gao, Zheng-Tao Zhu^{*}, Hao Fong^{**}

Department of Chemistry, South Dakota School of Mines and Technology, 501 East St. Joseph Street, Rapid City, SD 57701, USA

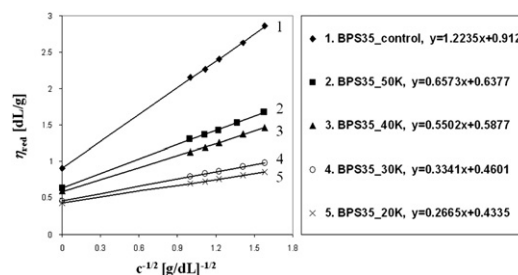


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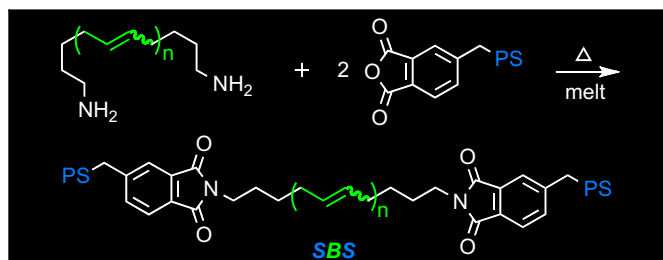
Juan Yang, Yanxiang Li¹, Abhishek Roy¹, James E. McGrath^{*}

Macromolecular Science and Engineering and Macromolecules and Interfaces Institute, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061, USA



Diamino telechelic polybutadiienes for solventless styrene-butadiene-styrene (SBS) triblock copolymer formation

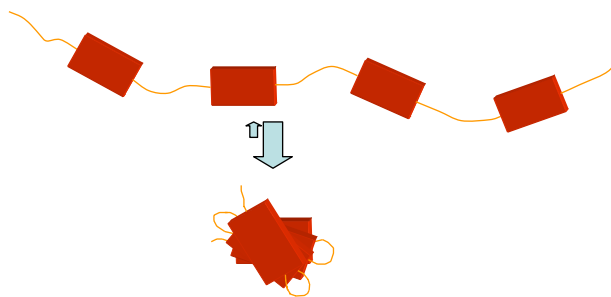
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Shengxiang Ji^a, Thomas R. Hoyer^{a,*}, Christopher W. Macosko^{b,**}^a Department of Chemistry, University of Minnesota, Minneapolis, MN 55455, USA^b Department of Chemical Engineering and Materials Science, University of Minnesota, Minneapolis, MN 55455, USA**Synthesis and characterization of the first soluble nonracemic chiral main-chain perylene tetracarboxylic diimide polymers**

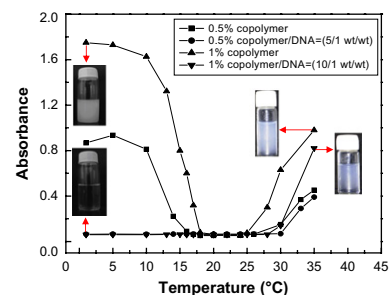
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Chenming Xue, Minzhi Chen, Shi Jin^{*}

Center of Engineered Polymeric Materials, Department of Chemistry, College of Staten Island and Graduate Center, The City University of New York, Staten Island, NY 10314, USA

**Double thermoresponsive polybetaine-based ABA triblock copolymers with capability to condense DNA**

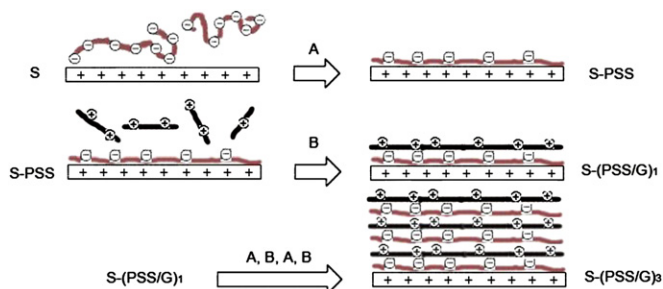
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Fengying Dai^a, Pengfei Wang^a, Ying Wang^b, Lei Tang^a, Jianhai Yang^a, Wenguang Liu^{a,*}, Hexian Li^b, Guochang Wang^b^a School of Materials Science and Engineering, Tianjin Key Laboratory of Composite and Functional Materials, Tianjin University, Tianjin 300072, PR China^b Key Laboratory of Functional Polymer Materials Ministry of Education, Nankai University, Tianjin 300071, PR China**High conducting multilayer films from poly(sodium styrenesulfonate) and graphite nanoplatelets by layer-by-layer self-assembly**

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Qunwei Tang, Jihuai Wu^{*}, Qinghua Li, Jianming Lin

The Key Laboratory for Functional Materials of Fujian Higher Education, Institute of Material Physical Chemistry, Huaqiao University, Quanzhou, Fujian 362021, China



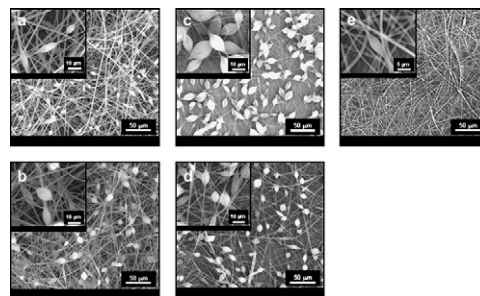
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Tamer Uyar^{a,*}, Flemming Besenbacher^{a,b}

^a Interdisciplinary Nanoscience Center (iNANO), University of Aarhus, DK-8000, Aarhus C, Denmark

^b Department of Physics and Astronomy, University of Aarhus, DK-8000, Aarhus C, Denmark

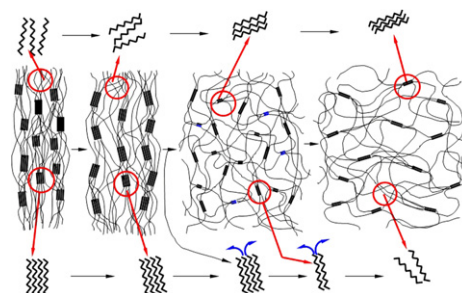


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X. Ou, M. Cakmak^{*}

Polymer Engineering Department, University of Akron, Akron, OH 44325, United States

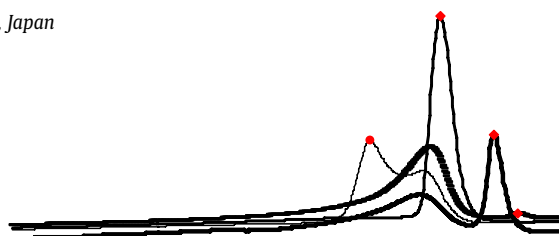


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Nobuyuki Tanaka^{*}

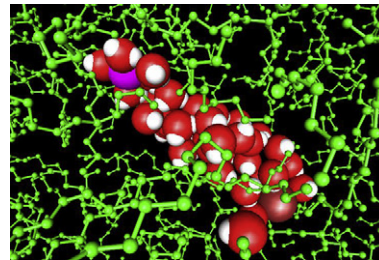
Higher Education Center (Physics), Gunma University, 4-2 Aramakicho, Maebashi 371-8510, Japan



Physical meaning of diverse DSC melting curves

Molecular simulation of the effect of ionic impurities and external electric fields on rod-like water clusters in polyethylene

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Erik Johansson*, Peter Ahlström¹, Kim Bolton²*School of Engineering, University College of Borås, SE-501 90 Borås, Sweden*

*Corresponding author

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