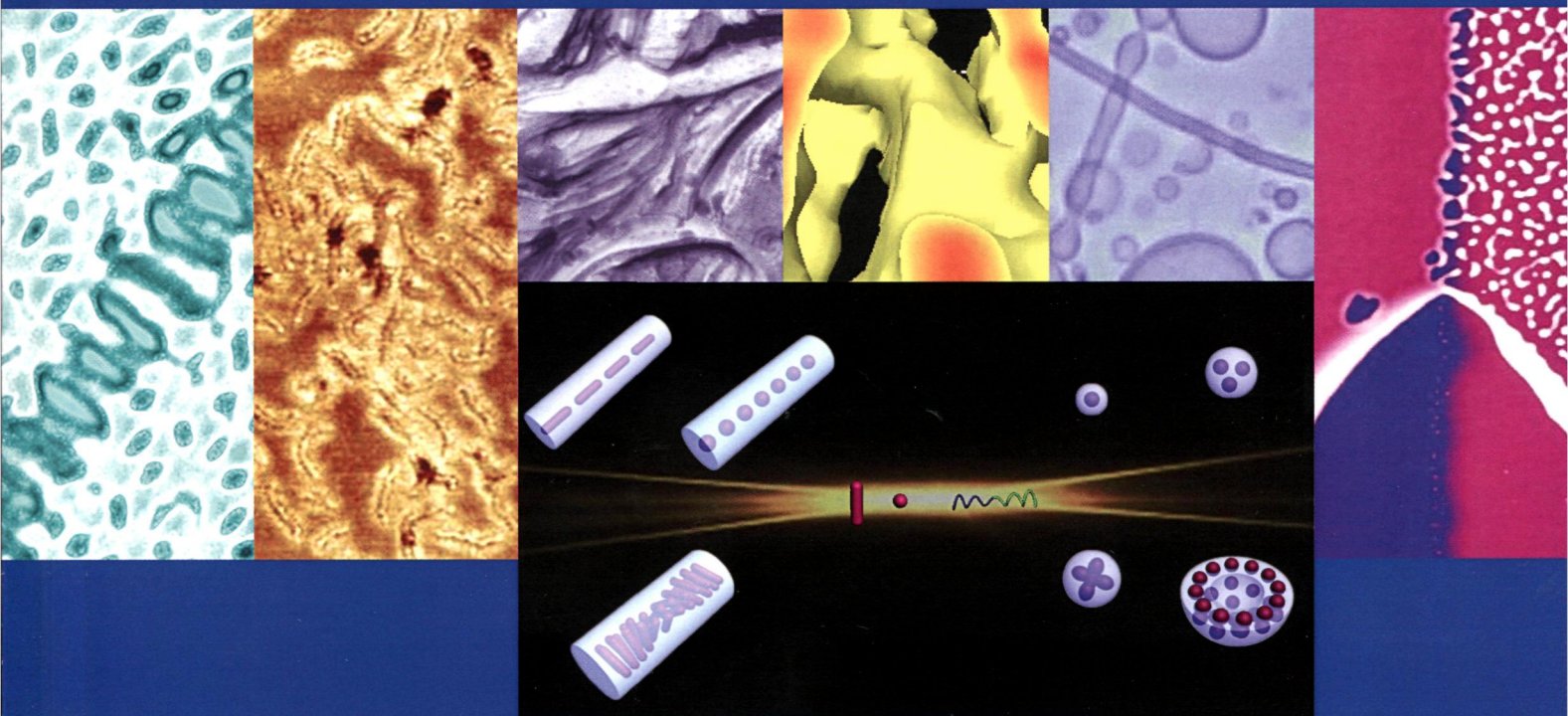
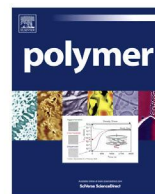




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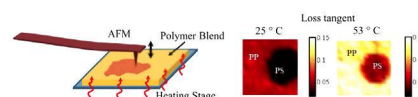
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Corporate Strategic Research, ExxonMobil Research and Engineering, Annandale, NJ 08801, USA



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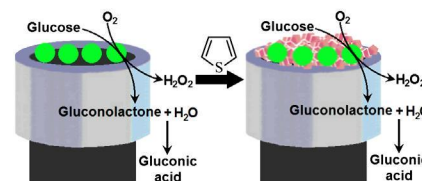
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^a Department of Physical Chemistry, Faculty of Chemistry, Vilnius University, Naugarduko 24, Vilnius 03225, Lithuania

^b NanoTechnas – Center of Nanotechnology and Materials Science, Faculty of Chemistry, Vilnius University, Naugarduko 24, Vilnius 03225, Lithuania

^c Department of Chemistry, Faculty of Science, Selcuk University, Konya 42075, Turkey

^d Laboratory of BioNanoTechnology, Department of Material Science and Electrical Engineering, State Research Institute Center for Physical Sciences and Technology, A. Gostauto 11, Vilnius 01108, Lithuania



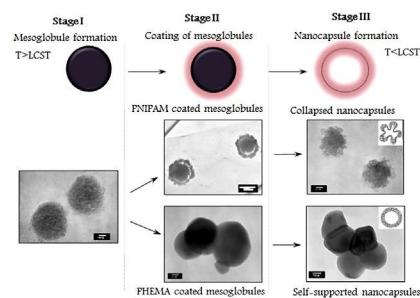
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^aInstitute of Polymers, Bulgarian Academy of Sciences, Acad. G. Bonchev Str. 103-A, 1113 Sofia, Bulgaria

^bFaculty of Life Sciences, Rhine-Waal University of Applied Sciences, Marie Curie Str. 1, D-47533 Kleve, Germany

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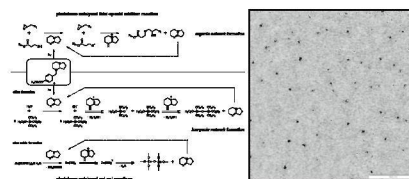
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^aPolitecnico di Torino, DISAT, Corso Duca degli Abruzzi 24, 10129 Torino, Italy

^bBASF Schweiz AG, Klybeckstrasse 141, 4052 Basel, Switzerland

^cETH Zurich, Department of Chemistry and Applied Biosciences, Vladimir-Prelog-Weg 1, 8093 Zurich, Switzerland

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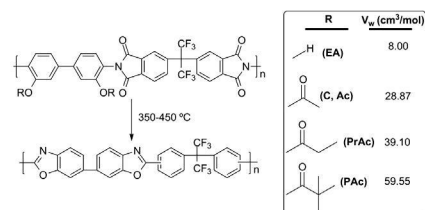
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^aUniversity of Texas at Austin, Center for Energy and Environmental Resources, Department of Chemical Engineering, and Texas Materials Institute, 10100 Burnet Road, Building 133, Austin, TX 78758, United States

^bUniversity of Notre Dame, Department of Chemical and Biomolecular Engineering, Notre Dame, IN 46556, United States

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

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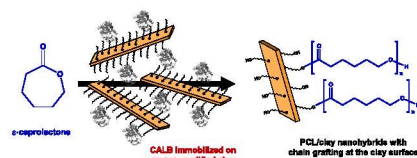
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^bDepartment of Chemical Engineering, Istanbul Technical University, 34469 Maslak, Istanbul, Turkey

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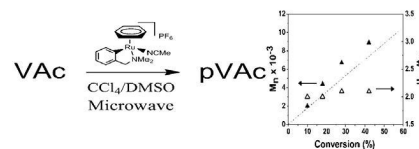
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^bLaboratorio de Fisicoquímica Macromolecular, Posgrado Facultad de Química, Universidad Nacional Autónoma de México, Circuito Exterior s/n, Ciudad Universitaria, 04510 México D.F., Mexico

^cInstituto de Química, Universidad Nacional Autónoma de México, Circuito Exterior s/n, Ciudad Universitaria, 04510 México D.F., Mexico



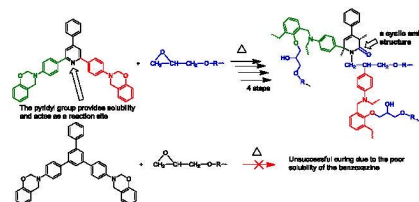
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^aDepartment of Chemical Engineering, National Chung Hsing University, Taichung 402, Taiwan

^bDepartment of Applied Chemistry, National Chiayi University, Chiayi, Taiwan

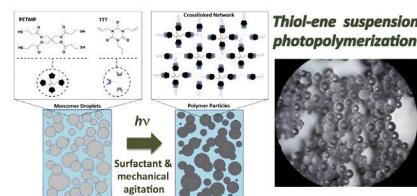


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Department of Chemistry & Biomolecular Science and Center for Advanced Materials Processing, Clarkson University, Potsdam, NY 13699-5810, United States

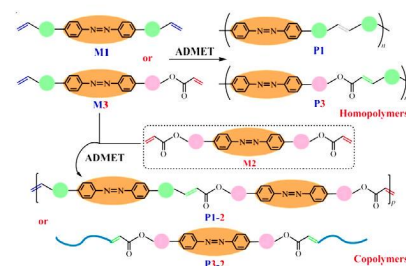


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School of Materials Engineering, Yancheng Institute of Technology, Yancheng 224051, China

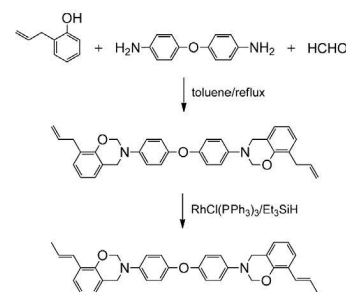


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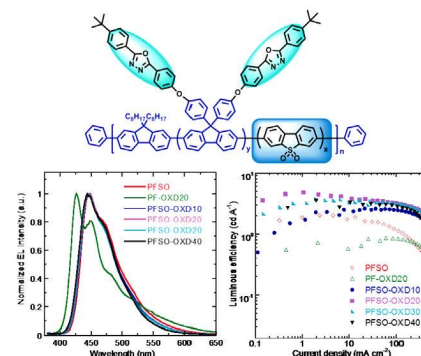


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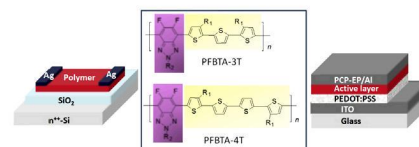
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Institute of Polymer Optoelectronic Materials and Devices, State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China



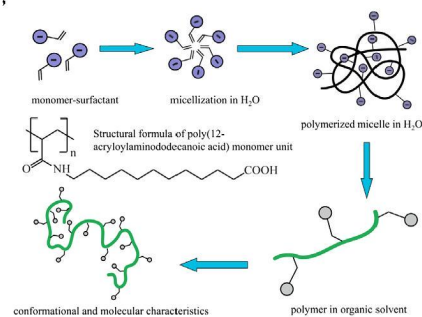
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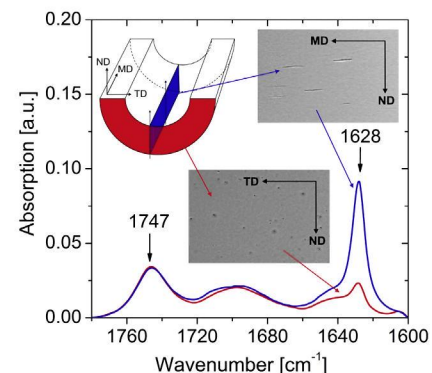
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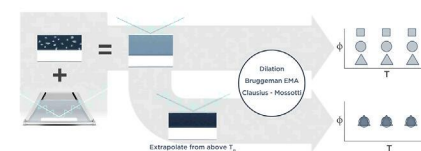
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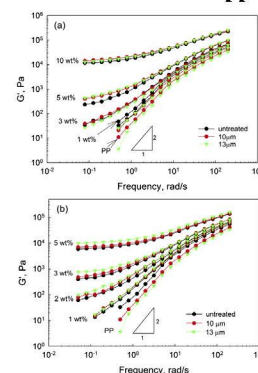


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Department of Polymer Engineering, The University of Akron, Akron, OH 44325-0301, USA

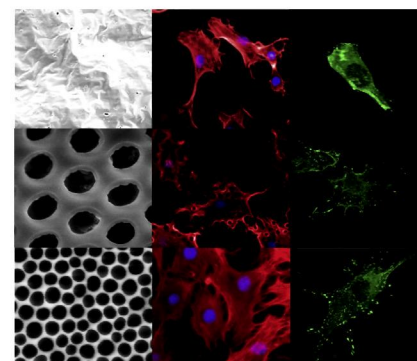


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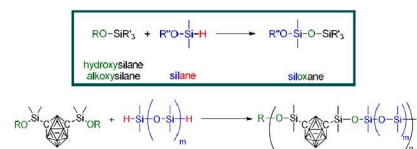
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Department of Materials Science and Engineering, The University of Tennessee, Knoxville, TN 37996, USA



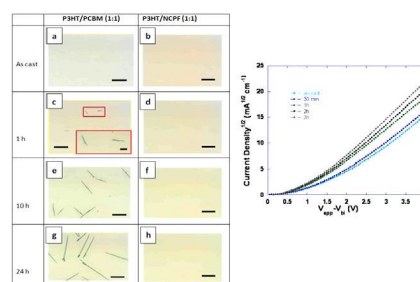
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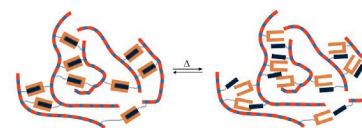
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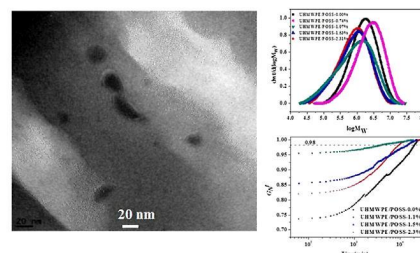
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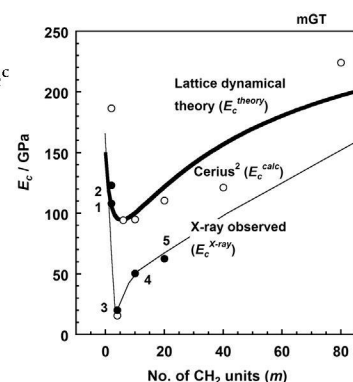
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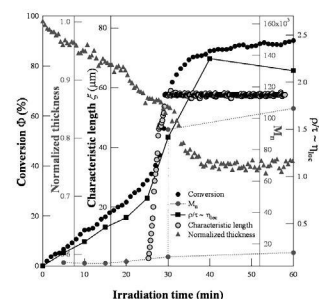


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Department of Macromolecular Science and Engineering, Graduate School of Science and Technology, Kyoto Institute of Technology, Matsugasaki, Sakyo-ku, Kyoto 606-8585, Japan



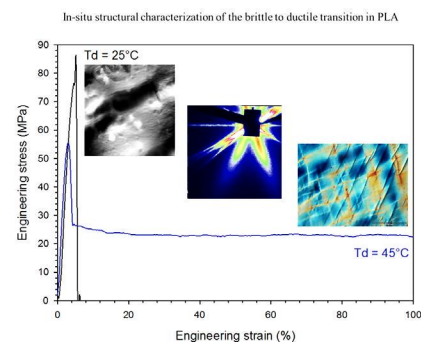
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^a Unité Matériaux et Transformations, UMR CNRS 8207, Université Lille1, Bat. C6, 59655 Villeneuve d'Ascq, France

^b Université de Lyon, Laboratoire MATEIS, INSA de Lyon-CNRS-UMR5510, Bâtiment Blaise Pascal, Campus de la Doua, 69621 Villeurbanne, France



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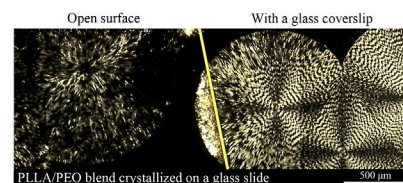
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^a Department of Chemical and Biomolecular Engineering, The Hong Kong University of Science and Technology, Clear Water Bay, Hong Kong

^b Materials Characterization and Preparation Facility, The Hong Kong University of Science and Technology, Clear Water Bay, Hong Kong

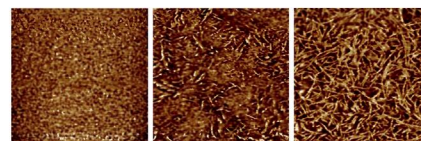
^c Department of Chemical Engineering, University of Delaware, Newark, Delaware 19716, USA

^d Division of Environment, The Hong Kong University of Science and Technology, Clear Water Bay, Hong Kong



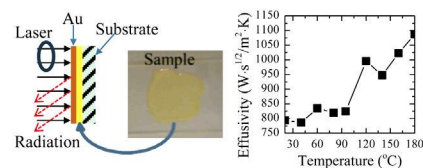
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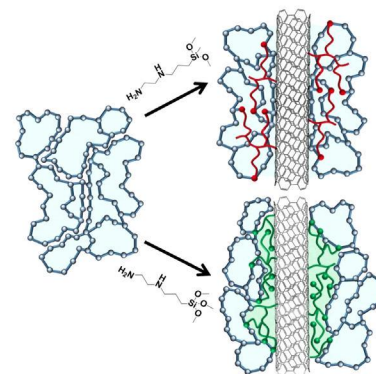
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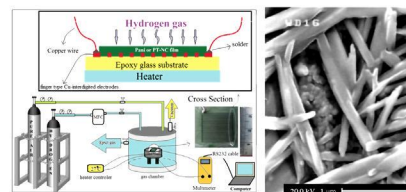
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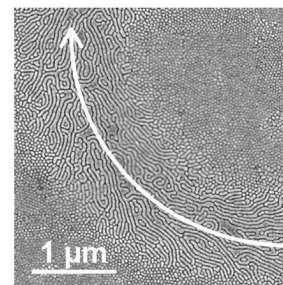
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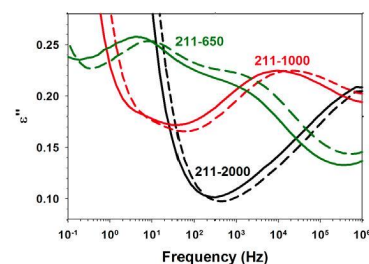
Shahruz Nasirian^{a,b}, Hossain Milani Moghaddam^{a,*}^aSolid State Physics Department, University of Mazandaran, Babolsar, Iran^bBasic Sciences Department, Mazandaran University of Science and Technology, Babol, Iran

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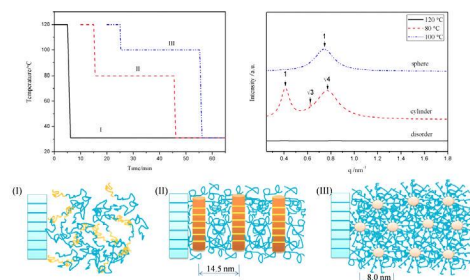
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Jonathan P. Singer^{a,b}, Kevin W. Gotrik^a, Jae-Hwang Lee^c, Steven E. Kooi^b, Caroline A. Ross^a, Edwin L. Thomas^{a,b,c,*}^aDepartment of Materials Science and Engineering, Massachusetts Institute of Technology, Cambridge, MA 02139, USA^bInstitute for Soldier Nanotechnologies, Massachusetts Institute of Technology, Cambridge, MA 02139, USA^cDepartment of Mechanical Engineering and Materials Science, Rice University, Houston, TX 77005, USA**New insight into microstructure-mediated segmental dynamics in select model poly(urethane urea) elastomers**

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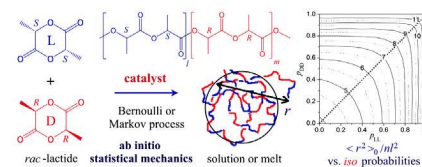
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Yuji Sasanuma^{*}, Daichi Touge

Department of Applied Chemistry and Biotechnology, Graduate School and Faculty of Engineering, Chiba University, 1-33 Yayoi-cho, Inage-ku, Chiba 263-8522, Japan



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