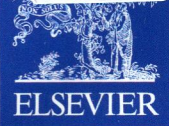
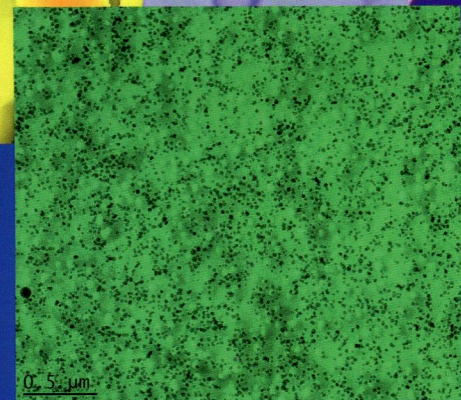
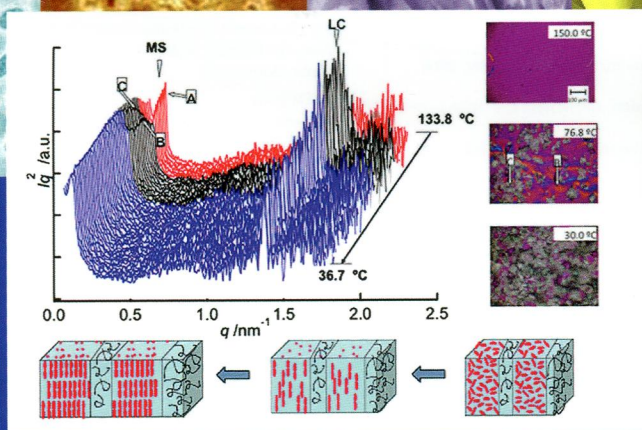
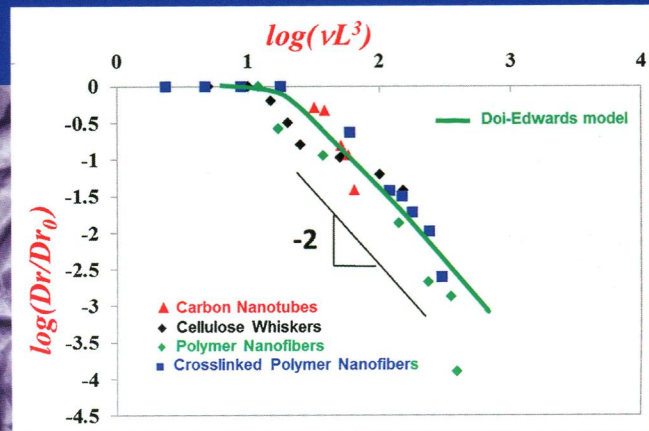
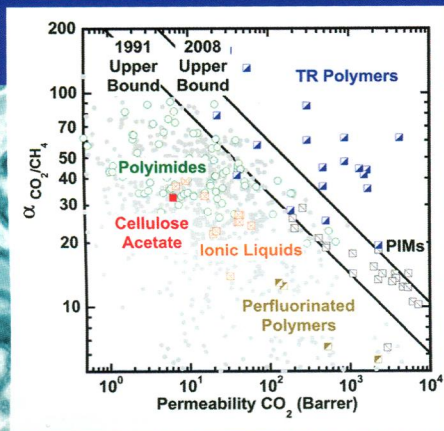
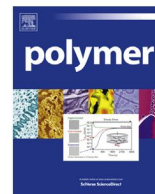


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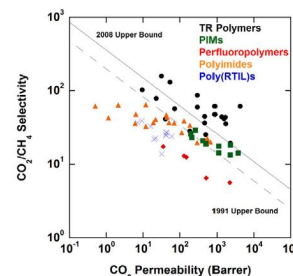
David F. Sanders^a, Zachary P. Smith^a, Ruilan Guo^b, Lloyd M. Robeson^c, James E. McGrath^d, Donald R. Paul^a, Benny D. Freeman^{a,*}

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

^cLehigh University, Department of Materials Science and Engineering, Bethlehem, PA 18015, USA

^dVirginia Polytechnic Institute and State University, Macromolecules and Interfaces Institute and Department of Chemistry, Blacksburg, VA 24061, USA

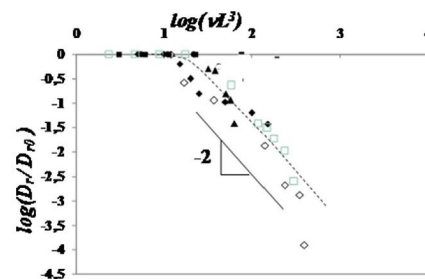


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Philippe Cassagnau

Université de Lyon, Univ Lyon 1, CNRS, Ingénierie des Matériaux Polymères (IMP UMR 5223), 15 Boulevard Latarjet, 69622 Villeurbanne Cedex, France

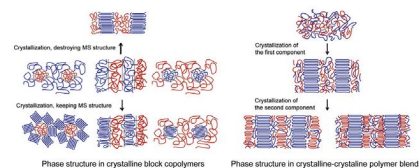


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Department of Materials Science and Technology, Nagaoka University of Technology, 1603-1 Kamitomioka, Nagaoka, Niigata 940-2188, Japan

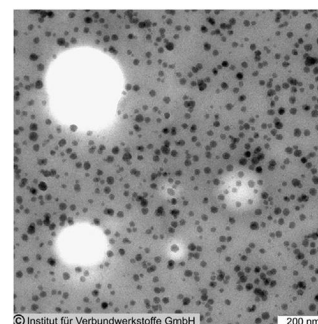


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Stephan Sprenger

Evonik Hanse GmbH, Charlottenburger Strasse 9, 21502 Geesthacht, Germany



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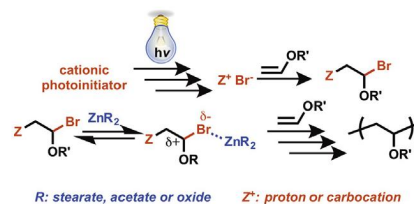
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Muhammet U. Kahveci^{a,b,*}, Faruk Oytun^a, Yusuf Yagci^{a,c,*}

^a Istanbul Technical University, Faculty of Science and Letters, Department of Chemistry, Maslak TR-34469, Istanbul, Turkey

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^c Center of Excellence for Advanced Materials Research (CEAMR) and Chemistry Department, Faculty of Science, King Abdulaziz University, PO Box 80203, Jeddah 21589, Saudi Arabia



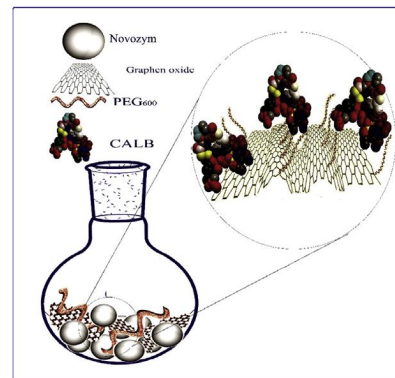
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^a Department of Chemistry, Faculty of Science, Lorestan University, Khoramabad, Iran

^b Department of Nanobiotechnology, Faculty of Biological Sciences, Tarbiat Modares University, Tehran, Iran

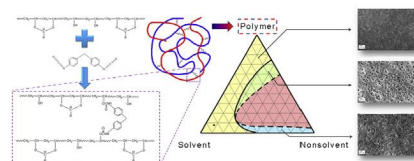


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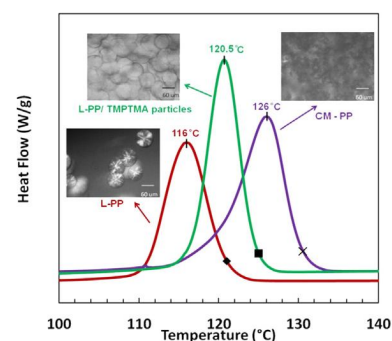
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School of Materials Science and Engineering, University of Science and Technology Beijing, Beijing 100083, China



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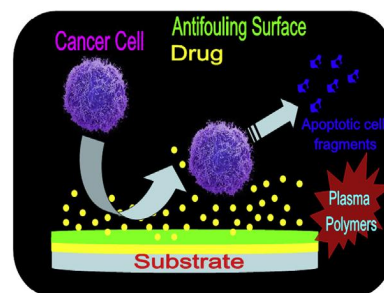
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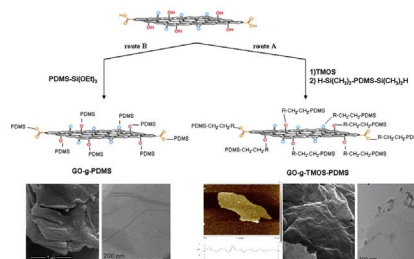
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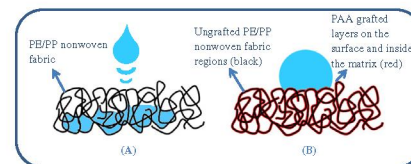
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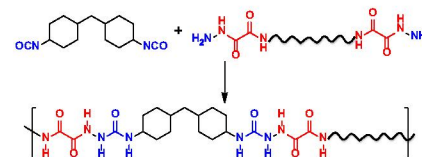
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Department of Chemistry, Hacettepe University, 06800 Beytepe, Ankara, Turkey



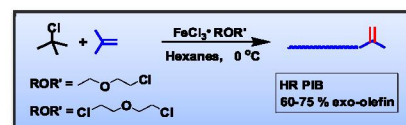
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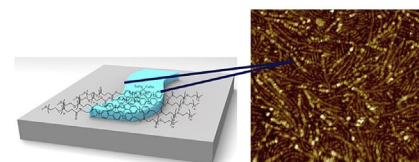
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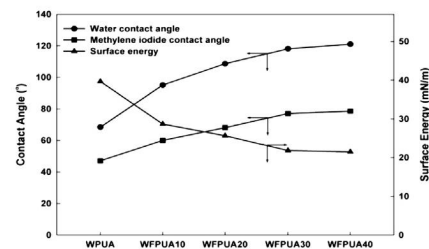
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Department of Polymer Science and Engineering, Inha University, 253 Yonghyun-Dong, Nam-Gu, Incheon 402-751, Republic of Korea



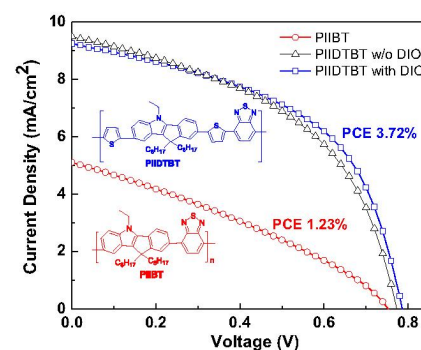
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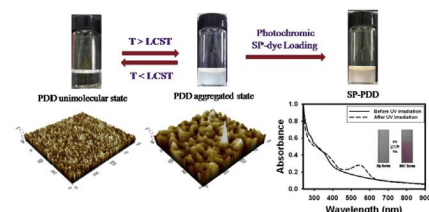
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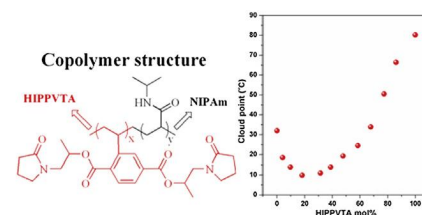
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Peng Liu, Wang Tang, Hailiang Zhang^{*}

Key Laboratory of Polymeric Materials and Application Technology of Hunan Province, Key Laboratory of Advanced Functional Polymer Materials of Colleges, and Universities of Hunan Province, College of Chemistry, Xiangtan University, Xiangtan 411105, Hunan Province, China

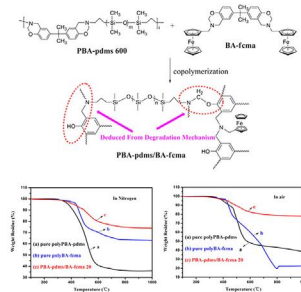


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Weizhi Li, Jun Chu, Liang Heng, Teng Wei, Jiangjiang Gu, Kai Xi, Xudong Jia*

State Key Laboratory of Coordination Chemistry, Nanjing National Laboratory of Microstructures, Department of Polymer Science and Engineering, Nanjing University, Nanjing 210093, PR China

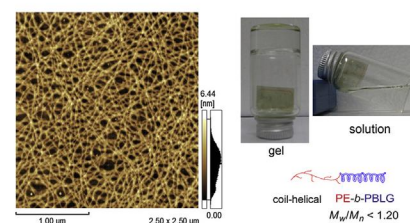


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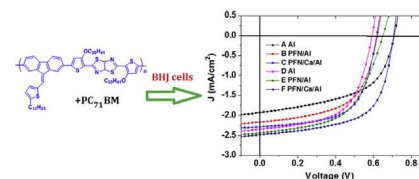
Haiyang Gao*, Zhilong Hu, Qirui Guan, Yong Liu, Fangming Zhu, Qing Wu*

DSAPM Lab, PCFM Lab, Institute of Polymer Science, School of Chemistry and Chemical Engineering, Sun Yat-Sen University, Guangzhou 510275, China



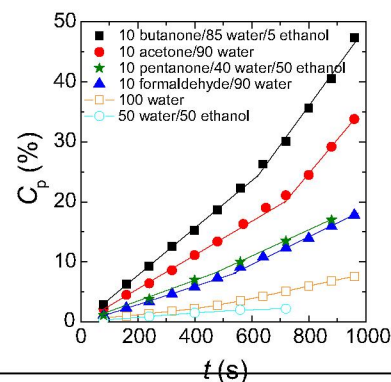
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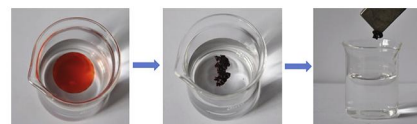
Rong Guo^a, Yue Gao^a, Min Wu^b, Huiliang Wang^{a,*}^aCollege of Chemistry, Beijing Normal University, Beijing 100875, China^bTechnical Institute of Physics and Chemistry, CAS, 29 Zhongguancun East Road, Beijing 100190, China

Responsive nanotubular organo-gelator

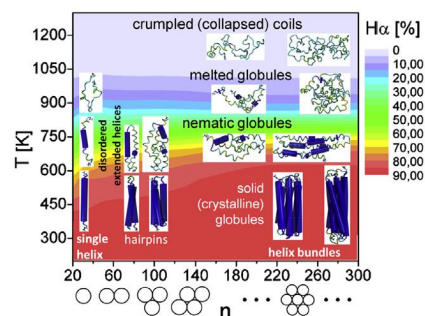
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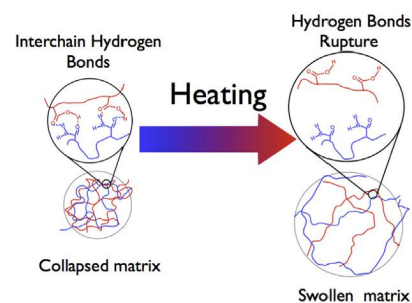
State Key Laboratory of Polymer Physics and Chemistry, Institute of Chemistry, Chinese Academy of Sciences, Beijing 100190, China

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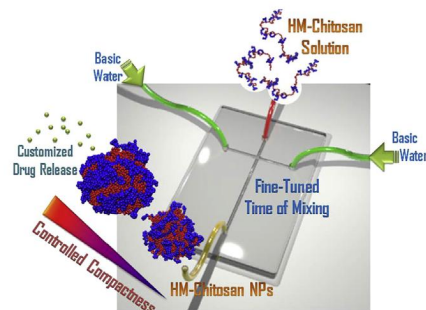
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Peter Palenčár^a, Tomáš Bleha^{a,b,*}^a Polymer Institute, Slovak Academy of Sciences, 845 41 Bratislava, Slovakia^b Institute of Materials Science, Faculty of Materials Science and Technology, Slovak University of Technology, 917 24 Trnava, Slovakia**Influence of the inter-chain hydrogen bonds on the thermoresponsive swelling behavior of UCST-like microgels**

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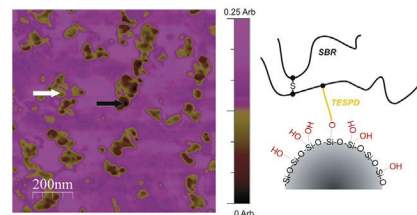
Erfan Dashtimoghadam^a, Hamid Mirzadeh^a, Faramarz Afshar Taromi^a, Bo Nyström^{b,*}^a Department of Polymer Engineering and Color Technology, Amirkabir University of Technology, 424 Hafez Avenue, Tehran, Iran^b Department of Chemistry, University of Oslo, P.O. Box 1033, Blindern, N-0315 Oslo, Norway

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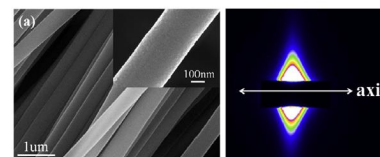


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Jie Liu^{a,*}, Qiong Liu^a, Sai Ma^a, Jieying Liang^a, Xiaojing Ma^b, Hao Fong^{b,*}

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^bProgram of Nanoscience and Nanoengineering, South Dakota School of Mines and Technology, Rapid City, SD 57701, USA

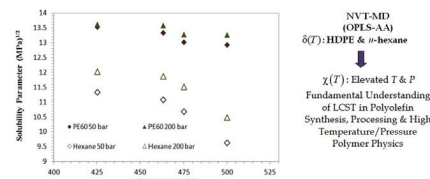


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Moeed Shahamat^{*}, Alejandro D. Rey^{*}

Department of Chemical Engineering, McGill University, 3610 University Street, Montreal H3A 0C5, Quebec, Canada

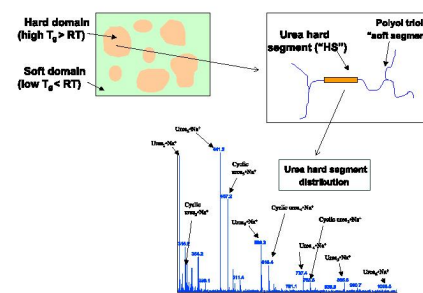


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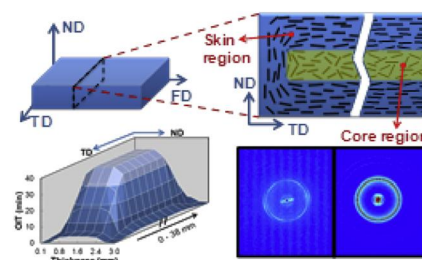
Kaoru Aou^{a,*}, Alan K. Schrock^a, Valeriy V. Ginzburg^b, Philip C. Price^c

^aThe Dow Chemical Company, 2301 N. Brazosport Boulevard, Freeport, TX 77541, USA
^bThe Dow Chemical Company, Building 1702, Midland, MI 48674, USA
^cThe Dow Chemical Company, Building 770-120, Dow Technology Center, South Charleston, WV 25303-0361, USA



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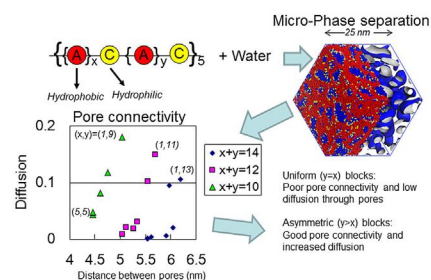
Shan Cheng^a, Richard A. Cairncross^c, Y. Grace Hsuan^{b,**}, Christopher Y. Li^{a,*}^aDepartment of Materials Science and Engineering, Drexel University, Philadelphia, PA 19104, USA^bDepartment of Civil, Architectural and Environmental Engineering, Drexel University, Philadelphia, PA 19104, USA^cDepartment of Chemical and Biological Engineering, Drexel University, Philadelphia, PA 19104, USA

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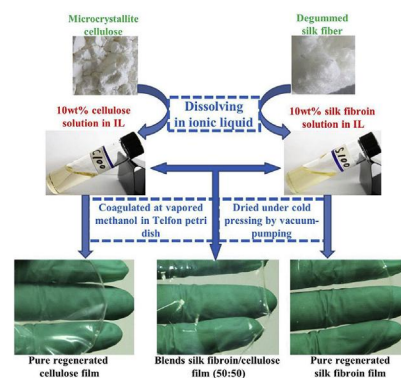
G. Dorenbos

Knowledgenet Co., Lofty Chuo Bldg. (9F), 1-17-24, Shinkawa, Chuo-ku, Tokyo 104-0033, Japan



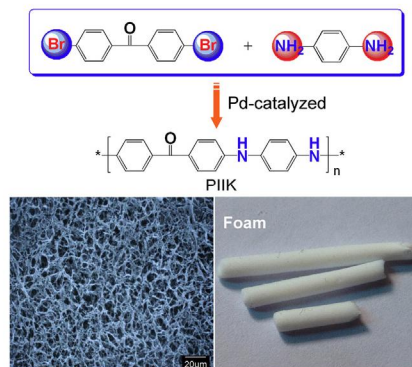
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Guanjun Chang^{a,*}, Li Yang^a, Junxiao Yang^a, Yawen Huang^a, Ke Cao^a, Lin Zhang^b, Runxiong Lin^c^aState Key Laboratory Cultivation Base for Nonmetal Composite and Functional Materials, School of Material Science and Engineering, Southwest University of Science and Technology, Mianyang 621010, People's Republic of China^bResearch Center of Laser Fusion, China Academy of Engineering Physics, 919-987, Mianyang 621900, People's Republic of China^cEngineering Research Center of High Performance Polymer and Molding Technology, Ministry of Education, Qingdao University of Science and Technology, Qingdao 266042, People's Republic of China

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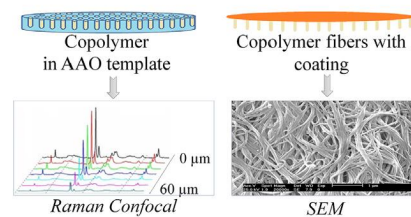
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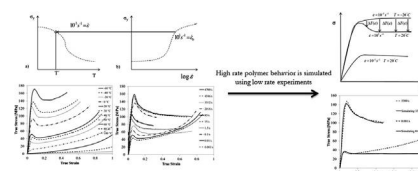


Experimentally simulating adiabatic conditions: Approximating high rate polymer behavior using low rate experiments with temperature profiles

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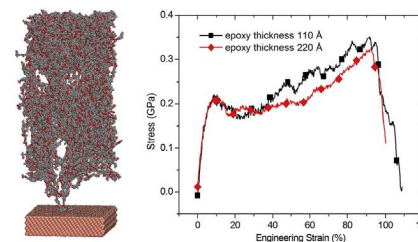
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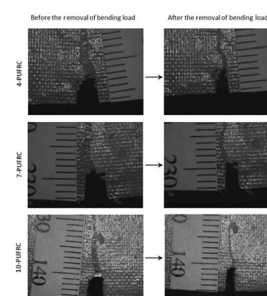
A self-healing particulate composite reinforced with strain hardened short shape memory polymer fibers

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