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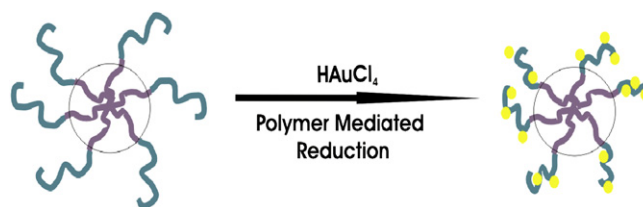
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Anastasia Meristoudi<sup>a,b</sup>, Stergios Pispas<sup>a,\*</sup>

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<sup>b</sup> *University of Patras, Department of Materials Science, Patras 26 504, Greece*

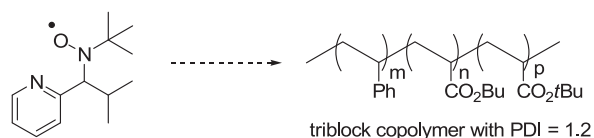


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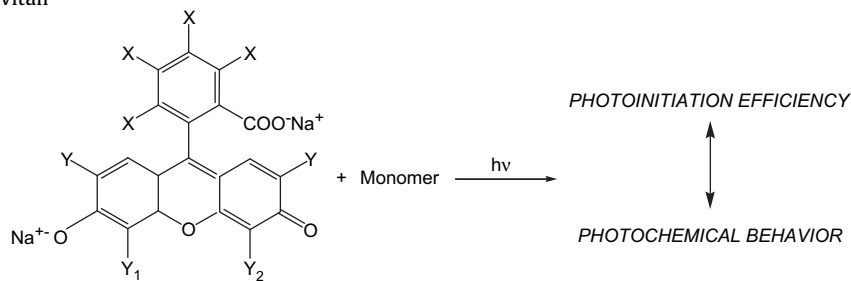
Lucien Marx<sup>\*</sup>, Patrick Hemery

*Laboratoire de Chimie des Polymères, UMR 7610, Université Pierre et Marie Curie – Paris 6, 4 Place Jussieu, 75252 Paris Cedex 05, France*



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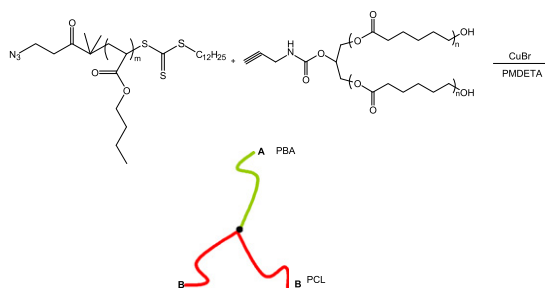
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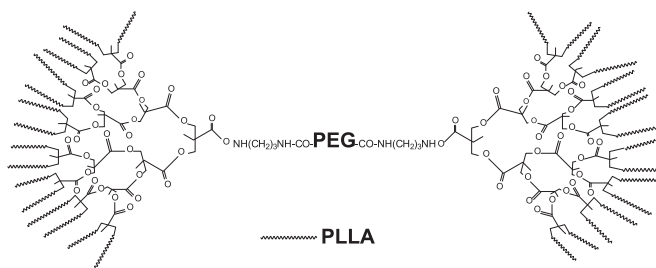
Ankit Vora, Kunal Singh, Dean C. Webster<sup>\*</sup>

Department of Coatings and Polymeric Materials, North Dakota State University, PO Box 6050, Dept 2760, Fargo, ND 58108, United States



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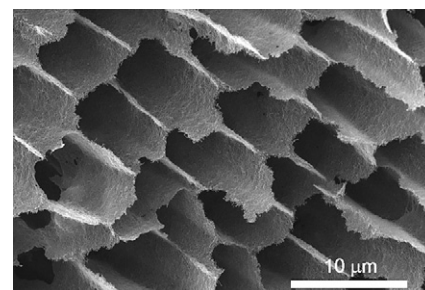
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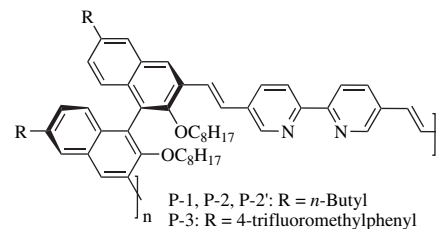
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Department of Polymer Science and Engineering, Inha University, Incheon 402-751, Republic of Korea

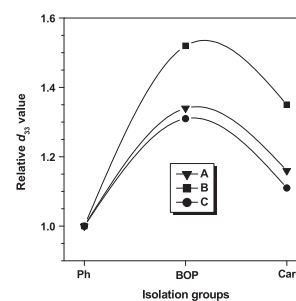


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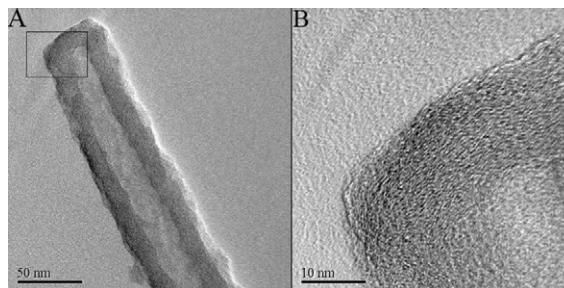
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Songmin Shang<sup>\*</sup>, Xiaoming Yang, Xiao-ming Tao

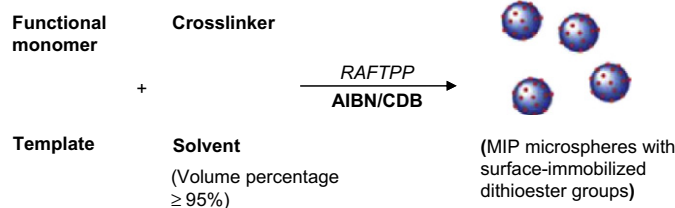
Institute of Textiles and Clothing, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong, PR China

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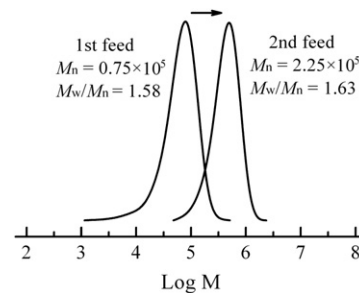
Guoqing Pan, Baiyi Zu, Xianzhi Guo, Ying Zhang, Chenxi Li, Huiqi Zhang<sup>\*</sup>

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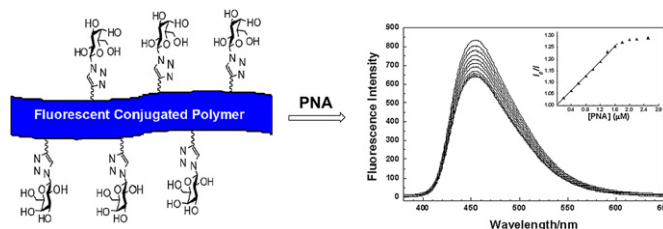
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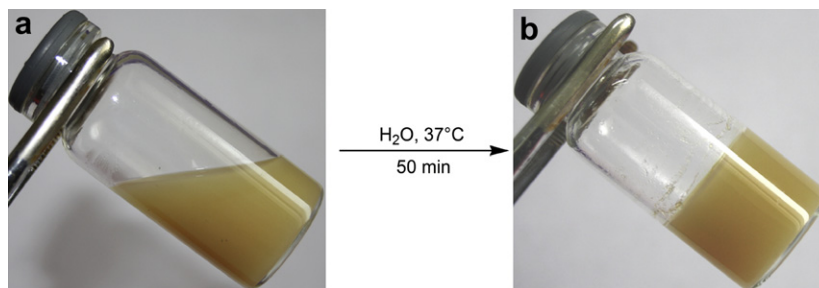
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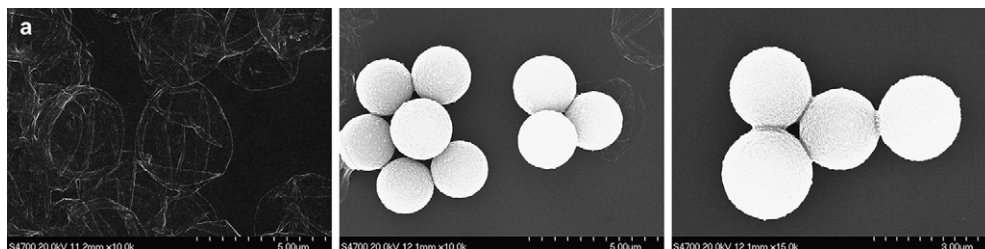
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School of Chemistry and Chemical Engineering, Henan University of Technology, Zhengzhou 450001, PR China



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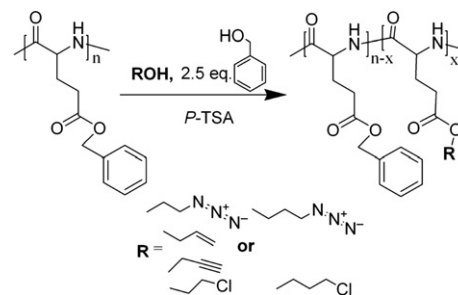
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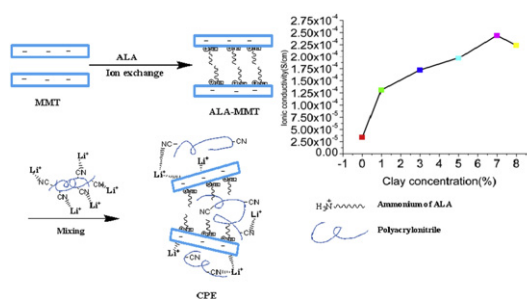
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<sup>b</sup> Taiwan Textile Research Institute, Taipei County 23674, Taiwan, ROC

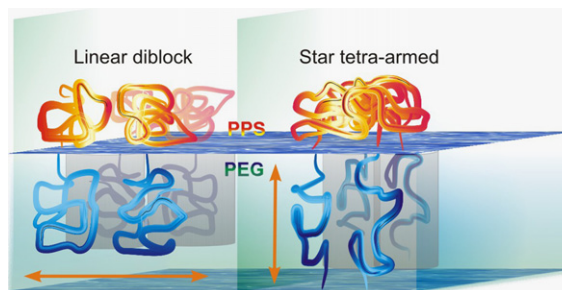


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Lei Wang, Ping Hu, Nicola Tirelli\*

School of Pharmacy and Pharmaceutical Sciences, University of Manchester, Oxford Road, Manchester, M13 9PT, United Kingdom



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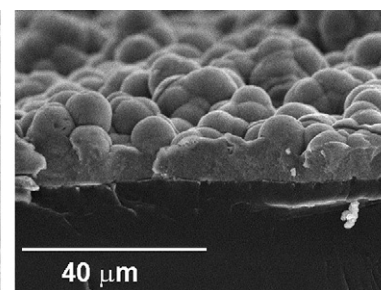
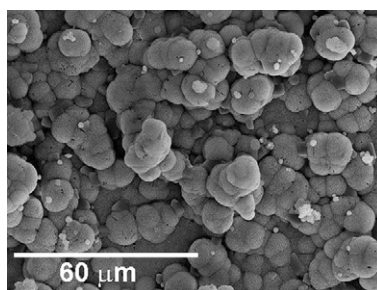
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A. Vallés Lluch<sup>a,\*</sup>, G. Gallego Ferrer<sup>a,b,c</sup>, M. Monleón Pradas<sup>a,b,c</sup>

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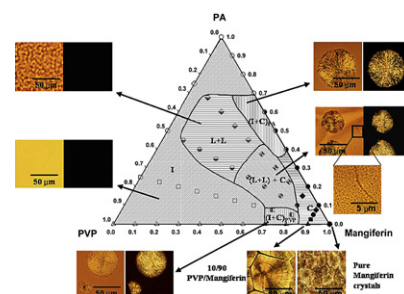


## Hydrogen bonding interactions and miscibility studies of poly(amide)/poly(vinyl pyrrolidone) blends containing mangiferin

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Chandrasekaran Neelakandan, Thein Kyu\*

Department of Polymer Engineering, University of Akron, Akron, OH 44325, USA

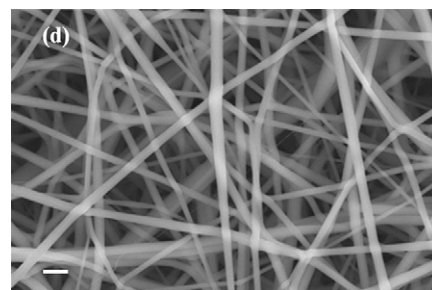


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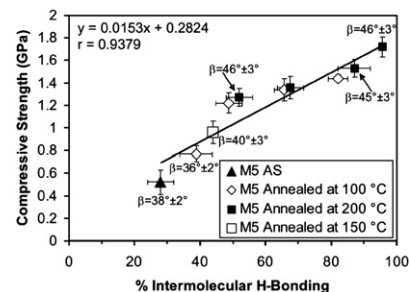
Kyunghwan Yoon, Benjamin S. Hsiao\*, Benjamin Chu\*\*

Department of Chemistry, Stony Brook University, Stony Brook, NY 11794-3400, USA



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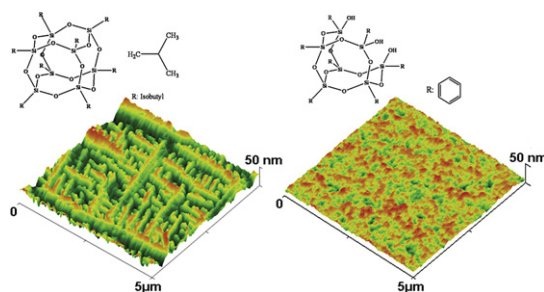
A. Andres Leal<sup>a,b</sup>, Joseph M. Deitzel<sup>a</sup>, Steven H. McKnight<sup>d</sup>, John W. Gillespie, Jr.<sup>a,b,c,\*</sup><sup>a</sup> Center for Composite Materials (UD-CCM), University of Delaware, Newark, DE 19716, United States<sup>b</sup> Department of Materials Science and Engineering, University of Delaware, Newark, DE 19716, United States<sup>c</sup> Department of Civil and Environmental Engineering, University of Delaware, Newark, DE 19716, United States<sup>d</sup> Army Research Laboratory, Materials Division, Aberdeen, MD 21005, United States

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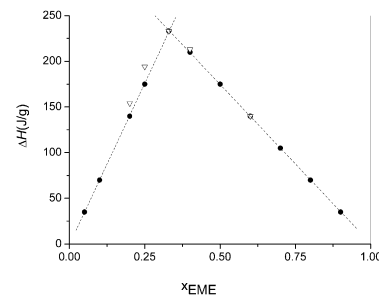
School of Polymers and High Performance Materials, University of Southern Mississippi, 118 College Dr., Box 10076, Hattiesburg, MS 39406-0076, USA



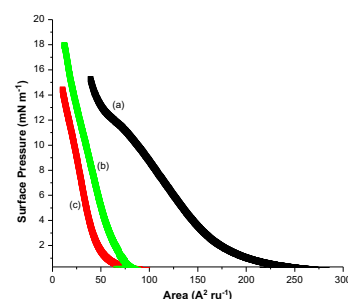
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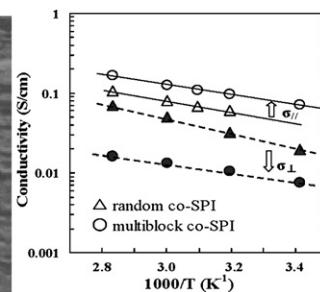
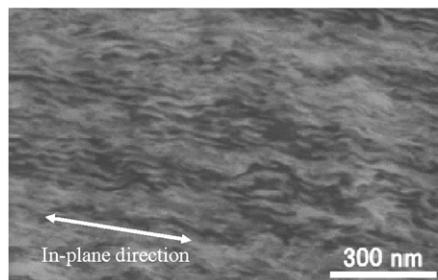
Denise dos Santos Martini, Bibiana Aguiar Braga, Dimitrios Samios\*

*Laboratório de Instrumentação e Dinâmica Molecular, Instituto de Química Universidade Federal do Rio Grande do Sul, Av. Bento Gonçalves 9500, Caixa Postal 15003, CEP 91501-970 Porto Alegre, RS, Brazil***Inclusion complexes containing poly(ε-caprolactone)diol and cyclodextrins. Experimental and theoretical studies**

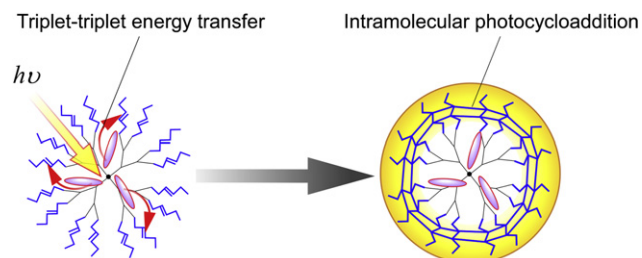
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César Saldías<sup>a</sup>, Ligia Gargallo<sup>a,\*</sup>, Claudia Sandoval<sup>a</sup>, Angel Leiva<sup>a</sup>, Deodato Radic<sup>a</sup>, Julio Caballero<sup>b</sup>, Mario Saavedra<sup>b</sup>, Fernando D. González-Nilo<sup>b</sup><sup>a</sup> *Departamento de Química Física, Facultad de Química, Pontificia Universidad Católica de Chile, Casilla 302, Correo 22, Santiago, Chile*<sup>b</sup> *Centro de Bioinformática y Simulación Molecular, Universidad de Talca, 2 Norte 685, Casilla 721, Talca, Chile***Synthesis and properties of sulfonated multiblock copolynaphthalimides**

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Zhaoxia Hu<sup>a</sup>, Yan Yin<sup>b</sup>, Kazuaki Yaguchi<sup>a</sup>, Nobutaka Endo<sup>a</sup>, Mitsuru Higa<sup>a</sup>, Ken-ichi Okamoto<sup>a,\*</sup><sup>a</sup> *Graduate School of Science & Engineering, Yamaguchi University, Tokiwadai 2-16-1, Ube, Yamaguchi 755-8611, Japan*<sup>b</sup> *Tianjin University, Weijin Road 92, Nankai Dis, Tianjin 30072, PR China***Photochemical and photophysical reactions of poly(propylene imine) dendrimers tethering cinnamamide groups**

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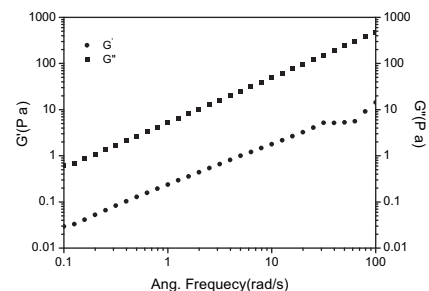
Seiichi Furumi<sup>a,b,\*</sup>, Akira Otomo<sup>b</sup>, Shiyoshi Yokoyama<sup>b,c</sup>, Shinro Mashiko<sup>b</sup><sup>a</sup> *National Institute for Materials Science (NIMS), 1-2-1 Sengen, Tsukuba, Ibaraki 305-0047, Japan*<sup>b</sup> *National Institute of Information and Communications Technology (NICT), 588-2 Iwaoka, Nishi-ku, Kobe 651-2492, Japan*<sup>c</sup> *Institute for Materials Chemistry and Engineering (IMCE), Kyushu University, 6-1 Kasuga-koen, Kasuga, Fukuoka 816-8580, Japan*

### The synthesis of functionalized carbon nanotubes by hyperbranched poly(amine-ester) with liquid-like behavior at room temperature

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Jiaoxia Zhang, Yaping Zheng\*, Peiyong Yu, Su Mo, Rumin Wang

Department of Applied Chemistry, School of Natural and Applied Science, Northwestern Polytechnical University, Xi'an 710129, China



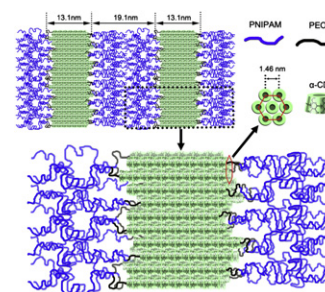
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<sup>a</sup> Institute of Applied Chemistry, National Chiao-Tung University, 30050 Hsinchu, Taiwan

<sup>b</sup> Department of Materials and Optoelectronic Science, Center for Nanoscience and Nanotechnology, National Sun Yat-Sen University, Kaohsiung, Taiwan



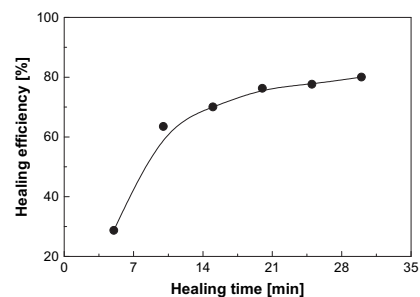
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<sup>a</sup> Key Laboratory for Polymeric Composite and Functional Materials of Ministry of Education, OFCM Institute, School of Chemistry and Chemical Engineering, Zhongshan University, Guangzhou 510275, PR China

<sup>b</sup> Materials Science Institute, Zhongshan University, Guangzhou 510275, PR China



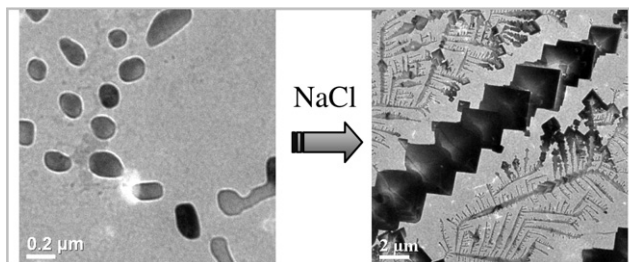
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<sup>a</sup> School of Metallurgical Science and Technology, Central South University, Changsha 410083, PR China

<sup>b</sup> School of Chemical Engineering, Nanjing University of Science and Technology, Nanjing 210094, PR China



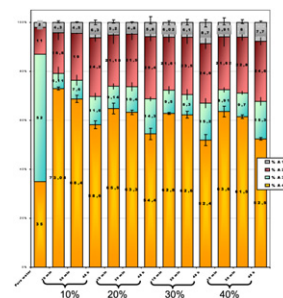


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Aurora Lasagabáster<sup>a</sup>, María José Abad<sup>b</sup>, Luis Barral<sup>b,\*</sup>, Ana Ares<sup>b</sup>, Rebeca Bouza<sup>b</sup>

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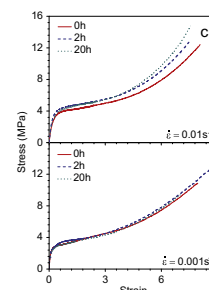
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<sup>a</sup> CAS Key Laboratory of Engineering Plastics, Beijing National Laboratory for Molecular Sciences, Institute of Chemistry, Chinese Academy of Sciences, Beijing 100190, PR China

<sup>b</sup> Graduate School, Chinese Academy of Sciences, Beijing 100049, PR China

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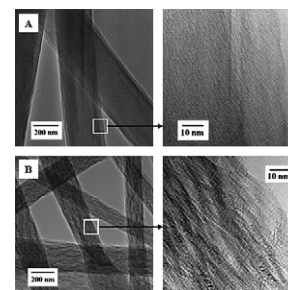
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<sup>b</sup> Department of Chemistry, South Dakota School of Mines and Technology, 501 East St. Joseph Street, Rapid City, SD 57701-3995, USA

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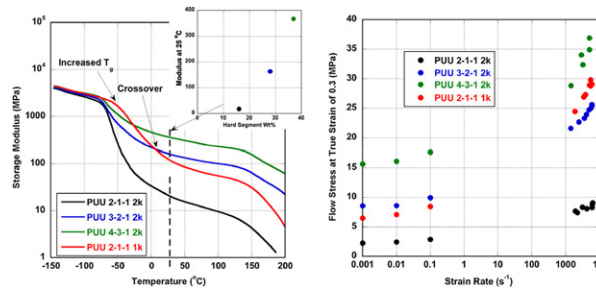


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Sai S. Sarva<sup>a</sup>, Alex J. Hsieh<sup>a,b,\*</sup>

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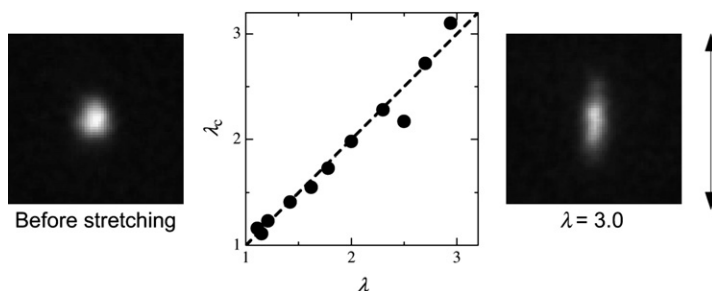
## Affine deformation of single polymer chain in poly(methyl methacrylate) films under uniaxial extension observed by scanning near-field optical microscopy

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Toru Ube<sup>a</sup>, Hiroyuki Aoki<sup>a,\*</sup>, Shinzaburo Ito<sup>a</sup>, Jun-ichi Horinaka<sup>b</sup>,  
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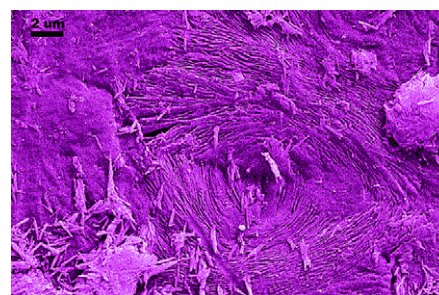


## Halloysite nanotubes as a novel $\beta$ -nucleating agent for isotactic polypropylene

pp 3022–3030

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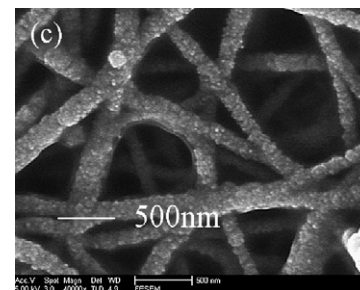


## Preparation and photocatalysis of TiO<sub>2</sub>-fluoropolymer electrospun fiber nanocomposites

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Tieshi He, Zhengfa Zhou, Weibing Xu<sup>\*</sup>, Fengmei Ren, Haihong Ma, Jin Wang

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## Transesterification-controlled compatibility and microfibrillation in PC-ABS composites reinforced by phosphorus-containing thermotropic liquid crystalline polyester

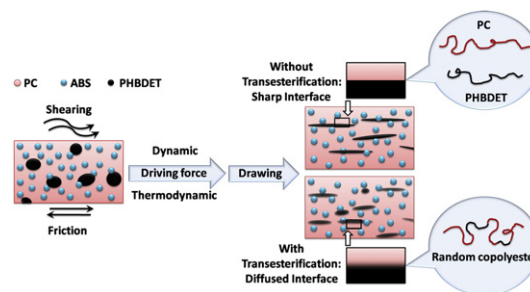
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Li Chen<sup>a</sup>, Heng-Zhen Huang<sup>a</sup>, Yu-Zhong Wang<sup>a,\*</sup>, Jinder Jow<sup>b</sup>, Kenny Su<sup>b,c</sup>

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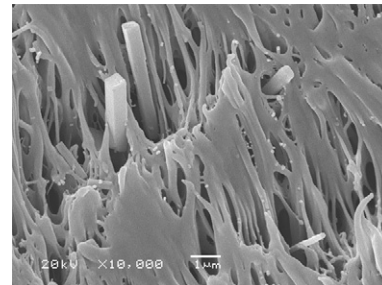
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**Effect of entropy penalty on selective distribution of aluminum borate whiskers in isotactic polypropylene (iPP)/syndiotactic polypropylene (sPP) blends****pp 3047–3054**

Tan Zhang, Xiao-Xuan Zou, Shu-Juan Zhang, Wei Yang, Ming-Bo Yang\*

*College of Polymer Science and Engineering, Sichuan University, State Key Laboratory of Polymer Materials Engineering, Chengdu, 610065 Sichuan, People's Republic of China***OTHER CONTENT****Corrigendum to “Preparation of core cross-linked micelles using a photo-cross-linking agent” [Polymer 50 (2009), 2204–2208]****p 3055**

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