

Polymer Vol 123, 11 August 2017

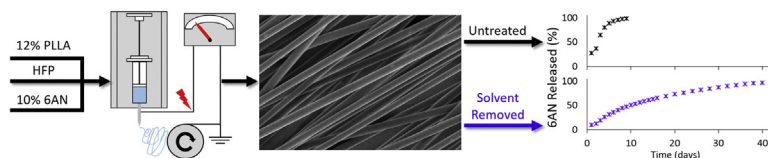
Graphical abstracts

POLYMER COMMUNICATION

**Removal of retained electrospinning solvent prolongs drug release from electrospun PLLA fibers**

pp. 121–127

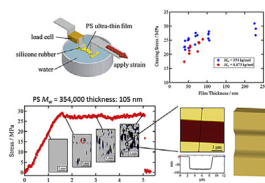
Anthony R. D'Amato, Nicholas J. Schaub, Jesus M. Cardenas, Andrew S. Fiumara, Paul M. Troiano, Andrea Fischetti and Ryan J. Gilbert\*



**Stress-strain measurement of ultra-thin polystyrene films: Film thickness and molecular weight dependence of crazing stress**

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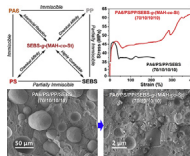
Hiroki Hasegawa, Takashi Ohta, Kohzo Ito and Hideaki Yokoyama\*



**High-strength and super-tough PA6/PS/PP/SEBS quaternary blends compatibilized by using a highly effective multi-phase compatibilizer: Toward efficient recycling of waste plastics**

pp. 240–246

Huanmin Li, Xianwei Sui and Xu-Ming Xie\*

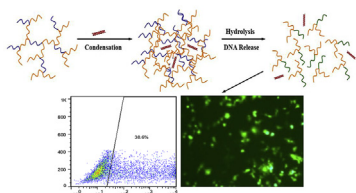


## POLYMER PAPERS

**Rational design of acid-labile branched polycation with superior gene transfection capacity**

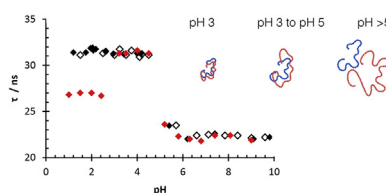
pp. 1–9

Rui Wang, Jiumu Cheng, Guoqing Yan, Chun Wang\*, Xin Wang, Jun Wang and Rupei Tang\*

**Förster Resonance Energy Transfer across interpolymer complexes of poly(acrylic acid) and poly(acrylamide)**

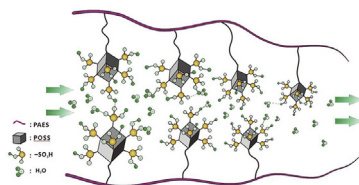
pp. 10–20

Thomas Swift\*, Natalie Paul, Linda Swanson, Maria Katsikogianni and Stephen Rimmer\*\*

**Multi-sulfonated polyhedral oligosilsesquioxane (POSS) grafted poly(arylene ether sulfone)s for proton conductive membranes**

pp. 21–29

Zhongying Wu, Yiyao Tang, Dewen Sun, Shujiang Zhang, Yixuan Xu, Hua Wei and Chenliang Gong\*

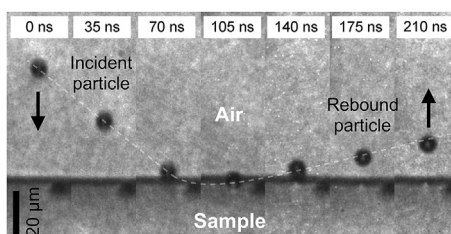


The comb-shaped poly(arylene ether sulfone) copolymers with sulfonated polyhedral oligosilsesquioxane (POSS) pendants facilitate the enhancement of proton transport by hydrophilic nanochannels.

**Molecular influence in high-strain-rate microparticle impact response of poly(urethane urea) elastomers**

pp. 30–38

David Veysset, Alex J. Hsieh\*, Steven E. Kooi and Keith A. Nelson



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