

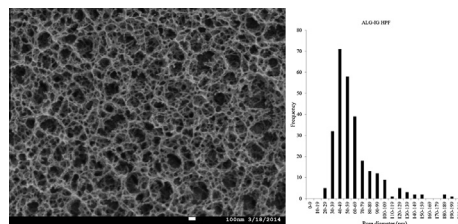


## Graphical Abstracts/Eur Polym J 82 (2016) iii–x

## FEATURE ARTICLE - TUTORIAL

### Evaluation of the impact of freezing preparation techniques on the characterisation of alginate hydrogels by cryo-SEM

Eur Polym J 82 (2016) 1

Robyn Aston<sup>a</sup>, Kim Sewell<sup>b</sup>, Travis Klein<sup>c</sup>, Gwen Lawrie<sup>a</sup>, Lisbeth Grøndahl<sup>a</sup><sup>a</sup>School of Chemistry and Molecular Biosciences, The University of Queensland, Brisbane, QLD 4072, Australia<sup>b</sup>Centre for Microscopy and Microanalysis (CMM), The University of Queensland, Brisbane, QLD 4072, Australia<sup>c</sup>Institute of Health and Biomedical Innovation, Queensland University of Technology (QUT), Brisbane, QLD 4059, Australia

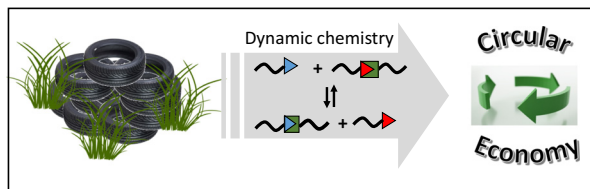
## REVIEW ARTICLES

### From landfilling to vitrimer chemistry in rubber life cycle

Eur Polym J 82 (2016) 347

Lucie Imbernon, Sophie Norvez

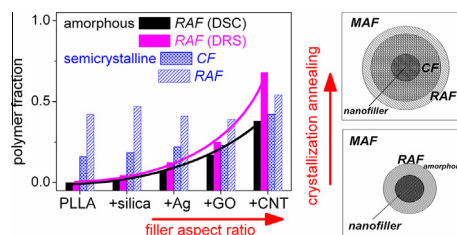
Matière Molle et Chimie, ESPCI ParisTech – CNRS, UMR-7167, PSL Research University, 10 rue Vauquelin, 75005 Paris, France



## MACROMOLECULAR NANOTECHNOLOGY

### Rigid amorphous fraction and segmental dynamics in nanocomposites based on poly(L-lactic acid) and nano-inclusions of 1–3D geometry studied by thermal and dielectric techniques

Eur Polym J 82 (2016) 16

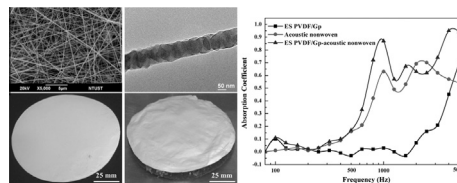
Panagiotis Klonos<sup>a</sup>, Zoi Terzopoulou<sup>b</sup>, Stefanos Koutsoumpis<sup>a</sup>, Spilios Zidropoulos<sup>a</sup>, Sotiria Kriptou<sup>a</sup>, George Z. Papageorgiou<sup>c</sup>, Dimitrios N. Bikiaris<sup>b</sup>, Apostolos Kyritsis<sup>a</sup>, Polycarpos Pissis<sup>a</sup><sup>a</sup>Department of Physics, National Technical University of Athens, Zografou Campus, 15780 Athens, Greece<sup>b</sup>Department of Chemistry, Laboratory of Polymer Chemistry and Technology, Aristotle University of Thessaloniki, GR-541 24 Thessaloniki, Greece<sup>c</sup>Chemistry Department, University of Ioannina, P.O. Box 1186, 45110 Ioannina, Greece

### Sound absorption of electrospun polyvinylidene fluoride/graphene membranes

*Eur Polym J* 82 (2016) 35

Chang Mou Wu, Min Hui Chou

Department of Materials Science and Engineering, National Taiwan University of Science and Technology, Taipei 10607, Taiwan, ROC



### Chitosan-based microparticles for immobilization of TiO<sub>2</sub> nanoparticles and their application for photodegradation of textile dyes

*Eur Polym J* 82 (2016) 57

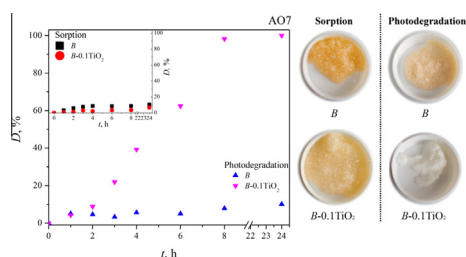
Marija Lučić Škorić<sup>a</sup>, Ivan Terzić<sup>b</sup>, Nedeljko Milosavljević<sup>a</sup>, Maja Radetić<sup>c</sup>, Zoran Šaponjić<sup>d</sup>, Marija Radoičić<sup>d</sup>, Melina Kalagasidis Krušić<sup>a</sup>

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<sup>d</sup>University of Belgrade, "Vinča" Institute of Nuclear Sciences, P.O. Box 522, 11001 Belgrade, Serbia



### Ionic liquid tailored interfaces in halloysite nanotube/heterophasic ethylene-propylene copolymer nanocomposites with enhanced mechanical properties

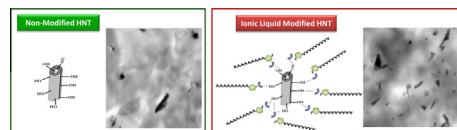
*Eur Polym J* 82 (2016) 82

E. Bischoff<sup>a</sup>, D.A. Simon<sup>a,b</sup>, H.S. Schrekker<sup>a</sup>, M. Lavorgna<sup>c</sup>, L. Ambrosio<sup>c</sup>, S.A. Liberman<sup>a</sup>, R.S. Mauler<sup>a</sup>

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<sup>c</sup>National Research Council, Institute of Polymers, Composites and Biomaterials, P.le E. Fermi, 1, 80155 Portici, Naples, Italy



### Quantum dot-polymer composites based on nanoporous polypropylene films with different draw ratios

*Eur Polym J* 82 (2016) 93

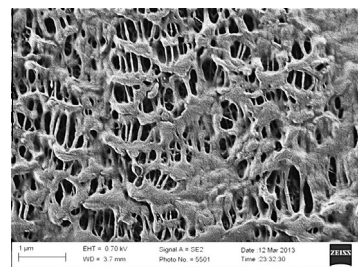
Alexey Bobrovsky<sup>a</sup>, Valery Shibaev<sup>a</sup>, Sergey Abramchuk<sup>a</sup>, Galina Elyashevitch<sup>b</sup>, Pavel Samokhvalov<sup>c</sup>, Vladimir Oleinikov<sup>c,d</sup>, Konstantin Mochalov<sup>c,d</sup>

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