

Brazilian Polymer Conference – Part II

Selected Contributions from:
12th Brazilian Polymer Congress
Florianópolis, Santa Catarina, Brazil
22 – 26 September 2013

Symposium Editors:
José Carlos Pinto
(Federal University of Rio de Janeiro, Brazil)

Valdir Soldi
(Federal University of Santa Catarina,
Florianópolis, Brazil)

© 2014 WILEY-VCH Verlag GmbH & Co. KGaA
Weinheim

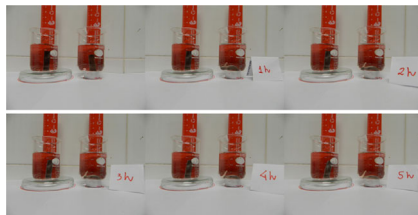
WILEY-VCH

Macromolecular Symposia: Vol. 344

Articles published on the web will appear
through:

wileyonlinelibrary.com

Cover: The CBPol conference has been organized every two years by the Brazilian Polymer Association (ABPol) since 1991 and is a scientific and technical forum for discussion of matters related to polymer production and applications, counting on the strong support of the Brazilian and Latin American scientific and technical communities. The 12th Brazilian Polymer Conference was held in Florianópolis, state of Santa Catarina, Brazil, in September 2013.



This is the second part of the Brazilian Polymer Conference. Part I is published in *Macromol. Symp.* 2014, 343.

Brazilian Polymer Conference

Florianópolis, Brazil

Influence of Vitamin C on Morphological
and Thermal Behaviour of Biomedical
UHMWPE

*Vanessa Castro Souza,
Juliano Elvis Oliveira,
Severino J. Guedes Lima,
Lucineide Balbino Silva**

| 8

Polymer/Layered Silicate Nanocomposite as
Matrix for Bioinsecticide Formulation

*Diogo P. C. Batista,
Rafael da S. Souza,
Nereide S. Santos-Magalhães,
José G. de Sena-Filho,
Adenir V. Teodoro,
Luciano A. M. Grillo,
Camila B. Dornelas**

| 14

Vulcanization Kinetic Study of Different Nitrile Rubber (NBR) Compounds	<i>Cléverson F. S. Gabriel, Felipe N. Linhares, Ana Maria F. de Sousa,* Cristina R. G. Furtado, Augusto C. C. Peres</i>	22
SB-S Core-Shell Particles in Semicontinuous Seeded Emulsion Polymerization and their use as Impact Modifier	<i>Nilva R. Uliana, Ricardo A. F. Machado, Claudia Sayer, Pedro H. H. Araújo*</i>	28
Growth of White Rot Fungi in Composites Produced from Urban Plastic Waste and Wood	<i>André Luis Catto,* Eduardo Soares Rosseto, Mateus Arduvino Reck, Katiandry Rossini, Rosa Mara Borges da Silveira, Ruth Marlene Campomanes Santana</i>	33
Polymer Biocomposites and Nanobiocomposites Obtained from Mango Seeds	<i>Edna M. S. Cordeiro, Yana L. Nunes, Adriano L. A. Mattos, Morsyleide F. Rosa, Men de sa M. Sousa Filho, Edson N. Ito</i>	39
Development of Poly(propylene) Superhydrophobic Surfaces by Functionalised TiO ₂ Nanoparticles: Effect of Solvents and Dipping Times	<i>Gabriela Ramos Chagas,* Daniel Eduardo Weibel</i>	55
Curaua Fibers/Epoxy Laminates with Improved Mechanical Properties: Effects of Fiber Treatment Conditions	<i>Paulo H. M. Cardoso, Fernando L. Bastian, Rossana M. S. M. Thiré*</i>	63
Evaluation of Fracture Toughness of UHMWPE Used in Orthopaedic Implants Through Essential Work of Fracture	<i>Rubens E. dos Santos,* Henrique Finocchio, Marcio Kobayashi, José D. Ambrosio, Claudemiro Bolfanini</i>	71
Waterborne Acrylic-Casein Nanoparticles. Nucleation and Grafting	<i>Matías L. Picchio, Roque J. Minari, Veronica D. G. Gonzalez, Mario C. G. Passeggi (Jr.), Jorge R. Vega, María J. Barandiaran, Luis M. Gugliotta*</i>	76
Synthesis and Characterization of Diolefin/Propylene Copolymers by Ziegler-Natta Polymerization	<i>Aline Lima, Ana Paula Azeredo, Marcio Nele, Susana Liberman, José Carlos Pinto</i>	86
In-Line Monitoring of Size Distributions in Liquid-Liquid Dispersions and Suspension Polymerizations by Focused Beam Reflectance Measurements	<i>Israel Bernardo Poblete, Carlos Alberto Castor Jr, Marcio Nele, José Carlos Pinto*</i>	94

Synthesis of Nanoparticles Loaded with
Tamoxifen by *in Situ* Miniemulsion RAFT
Polymerization

*Tailane Sant'Anna Moreira,
Marco Antônio Monteiro
de Oliveira, Luis Mauricio
Trambaioli da Rocha e
Lima, Márcio Nele de Souza,
José Carlos Costa da Silva
Pinto**

| 101

<i>Ambrosio, J. D.</i>	71	<i>Liberman, S.</i>	86
<i>Araújo, P. H. H.</i>	28	<i>Lima, S. J. G.</i>	8
<i>Azaredo, A. P.</i>	86	<i>Lima, A.</i>	86
<i>Barandiaran, M. J.</i>	76	<i>Linhares, F. N.</i>	22
<i>Bastian, F. L.</i>	63	<i>Machado, R. A. F.</i>	28
<i>Batista, D. P. C.</i>	14	<i>Mattos, A. L. A.</i>	39
<i>Bolfanini, C.</i>	71	<i>Minari, R. J.</i>	76
<i>Cardoso, P. H. M.</i>	63	<i>Moreira, T. S.</i>	101
<i>Castor Jr, C. A.</i>	94	<i>Nele, M.</i>	86,94
<i>Catto, A. L.</i>	33	<i>Nunes, Y. L.</i>	39
<i>Chagas, G. R.</i>	55	<i>Oliveira, J. E.</i>	8
<i>Cordeiro, E. M. S.</i>	39	<i>Passeggi (Jr.), M. C. G.</i>	76
<i>da Rocha e Lima, L. M. T.</i>	101	<i>Peres, A. C. C.</i>	22
<i>da S. Souza, R.</i>	14	<i>Picchio, M. L.</i>	76
<i>da Silva Pinto, J. C. C.</i>	101	<i>Pinto, J. C.</i>	86,94
<i>da Silveira, R. M. B.</i>	33	<i>Poblete, I. B.</i>	94
<i>de Oliveira, M. A. M.</i>	101	<i>Reck, M. A.</i>	33
<i>de sá M. Sousa Filho, M.</i>	39	<i>Rosa, M. F.</i>	39
<i>de Sena-Filho, J. G.</i>	14	<i>Rosseto, E. S.</i>	33
<i>de Sousa, A. M. F.</i>	22	<i>Rossini, K.</i>	33
<i>de Souza, M. N.</i>	101	<i>Santana, R. M. C.</i>	33
<i>Dornelas, C. B.</i>	14	<i>Santos-Magalhães, N. S.</i>	14
<i>dos Santos, R. E.</i>	71	<i>Sayer, C.</i>	28
<i>Finocchio, H.</i>	71	<i>Silva, L. B.</i>	8
<i>Furtado, C. R. G.</i>	22	<i>Souza, V. C.</i>	8
<i>Gabriel, C. F. S.</i>	22	<i>Teodoro, A. V.</i>	14
<i>Gonzalez, V. D. G.</i>	76	<i>Thiré, R. M. S. M.</i>	63
<i>Grillo, L. A. M.</i>	14	<i>Uliana, N. R.</i>	28
<i>Gugliotta, L. M.</i>	76	<i>Vega, J. R.</i>	76
<i>Ito, E. N.</i>	39	<i>Weibel, D. E.</i>	55
<i>Kobayashi, M.</i>	71		