

Polymer Reaction Engineering VI: Poster Session II

Industrial Applications

1. Continuous High-Temperature Polymerization Of Mma At Pilot Scale
Philip, Nising
2. A Pca-Based Reactor Energy Balance Monitoring Scheme For An Industrial Ldpe/Eva Reactor
Sharmin, Rumana
3. Comb Branched Polymers – From Semi Batch To Continuous Process
Pauer, Werner
4. Product Optimization By Full Exploitation Of The Intrinsic Flexibility Of Bimodal Processes
Putten, Inge van

Polymerizations in CO₂

5. Carbon Dioxide As A Versatile Solvent For The Phosgene-Free Production Of Polyurethanes
Keurentjes, J.T. F.
6. Mwd Control In Dispersion Polymerization Of Methyl Methacrylate In Supercritical Co₂
Morbidelli, Massimo
7. Monitoring Polymerization Reactions In Supercritical Carbon Dioxide With Reaction Calorimetry
Charalampos, Mantelis
8. Supercritical Carbon Dioxide For The Environmentally Benign Production Of Aliphatic Polycarbonates
Kemmere, Maartje

Medical Applications of Polymers

9. Ultrasound-Induced On-Demand Drug Delivery From Polymeric Implants
Kemmere, Maartje
10. Polymer Gel Dosimeters With Reduced Toxicity And Enhanced Performance
Senden, Rob J.

11. Synthesis Of Poly (Glycerol) Based Dendrimers As The Drug Nanocarrier Agents
Namazi, H.
12. Poly(Urethane Urea)S With Fluorocontaining Extenders:
Shekera, O.
13. Theoretical And Experimental Investigation Of The Production Of Pmma-Based Bone Cement
Pinto, José Carlos Costa da Silva
14. Modeling Of Bone Cement Production
Pinto, José Carlos Costa da Silva
15. Synthesis Of Poly(Vinyl Alcohol) And/Or Poly(Vinyl Acetate) Particles With Spherical Morphology And Core-Shell Structure And Its Use In Vascular Embolization
Pinto, José Carlos Costa da Silva

Polyolefins

16. Diagnosis Of A Pet Polymerization Plant Using Data Mining Approaches
Pinto, José Carlos Costa da Silva
17. Synthesis Of Polypropylene-Based Polymers In Liquid Pool And Gas-Phase Processes
Pinto, José Carlos Costa da Silva
18. Hydrodynamics In A Gas-Solids Fluidized Bed Using Polyethylene And Glass Beads
Wu, Bangyou
19. Kinetics And Microstructure Of Syndiotactic Polystyrene Over Heterogenized Metallocene Catalyst In Precipitation Polymerization
Choi, Kyu Yong
20. Polymer Supported Metallocene Catalysts: Particle Growth During Homo- And Co-Polymerization
Mannan, Tariq M.
21. Production Of Long-Chain-Branched Linear-Low-Density Polyethylene From Single Ethylene Stock By Concurrent Tandem Catalysis
Ye, Zhibin

22. Sorption And Diffusion Measurements Of Hydrocarbons Into Polyethylene Particles
Storti, Giuseppe
23. Including The Rate-Enhancing Effect Of Hydrogen Into A First-Principle Kinetic Model For The Homopolymerisation Of Propylene With A 4th Generation Ziegler Natta Catalyst
M. van der Ham
24. Nickel Alfa-Diimine Catalyzed Ethylene Polymerization: Effect Of Asymmetric Substitution On Catalyst Activity And Polymer Properties
Fan, Hong
25. Model Predictive Control Of Polyolefin Reactors
Hillestad, Magne
26. Study And Control Of The Distribution Of Elastomer In High Impact Pp
McKenna, Timothy F. L.
27. Stopped Flow Reactors For The Study Of The Nascent Polymerisation Of Ethylene
McKenna, Timothy F. L.

Heterogeneous Polymerizations

28. Modelling Of The Rheological Properties Of Bimodal Emulsions
McKenna, Timothy F. L.
29. Synthesis Of Bimodal Pvc Latexes By Emulsion Polymerization: An Experimental And Modeling Study
Vale, Hugo M.
30. Styrene/Butyl Acrylate/Methacrylic Acid Emulsion Polymerizations: Kinetics And Structure-Property Relations
Dubé, Marc A.
31. Butyl Acrylate/Vinyl Acetate Emulsion-Based Pressure Sensitive Adhesives: Empirical Modeling Of Adhesive Properties
Dubé, Marc A.
32. Styrene/Butyl Acrylate Miniemulsion-Based Pressure Sensitive Adhesives: Effect Of Particle Size And Composition
Dubé, Marc A.

33. Dynamic Simulations Of Nanoscale Morphology In Polymer Dispersions -
Codependency Of Reaction And Diffusion
Sundberg, Donald C.
34. Acetoacetoxo Functional Self Crosslinking Latexes. Evidence Of Chain Of
Crosslinking During F unctionality Protection Against Hydrolysis
Leiza, Jose Ramon
35. Production Of Porous Polymeric Monoliths By Reactive Gelation
Morbidelli, Massimo
36. An Effective Approach For Characterization Of Stability Of Polymer Colloids
Morbidelli, Massimo
37. Initiation Efficiency Reduction In Semicontinuous Styrene And Butyl Acrylate
Emulsion Copolymerization Reactions
Hirota, Wilson Hideki
38. Batch And Semicontinuous Styrene-Butadiene Emulsion Copolymerization
Reactions: Computation Of Monomer Distribution Among The Different
Phases
Filho, Aluisio Pinelli
39. Comparison Of Vinyl Acetate - Butyl Acrylate Emulsion Copolymerizations
Conducted In A Continuous Pulsed Sieve Plate Column Reactor And In A
Batch Stirred Tank Reactor
Carvalho, Antonio C. S. M.
40. The Role Of Components In Waterbased Microsphere Acrylic Psa Adhesive
Properties
Kajtna, J.