

한 국 고 분 자 학 회

2002 ()



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한 국 고 분 자 학 회

The Polymer Society of Korea

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2002

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(46), (632)
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	1PS - 1 1PS - 277	2PS - 1 2PS - 277
()	9 : 30 11 : 30	13 : 30 15 : 30

90 x 110 cm²

) : PL (Plenary Lecture)
 L1 - L8 (Invited Lecture)
 P1 - P8 (Presentation)
 PS (Poster)
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10 11 ()

9 : 00 9 : 30		
9 : 30 11 : 30	() (: ,)	
11 : 30 12 : 30		Demounting
12 : 30 13 : 00	[] PL - 1 HPLC Characterization of Polymers _____, (:)	
13 : 00 13 : 30	[] PL-2 Polymerric Electrolyte Membrane (PEM) Nanocompo - sites for Fuel Cells Via Direct Polycondensation <u>James E. McGrath</u> , Virginia Polytechnic Institute and State University (:)	
13 : 30 14 : 30	[] 1. 2. 3. 4. 5. 6. 2003 7. 8. 9. 10.	
14 : 30 18 : 30	(I)	2, 3
19 : 00		

10 12 ()

9 : 00 9 : 30		2, 3
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10 11 ()

	1	2	3	4	5	6	7	8
	가	(I)	(I)	(I)		(I)		LCD
14:30	1P1 - 1	1P2 - 1				1L6 - 1 ()	1L7 - 1 ()	1L8 - 1 ()
14:50	1P1 - 2	1P2 - 2	1L3 - 1 ()	1L4 - 1 ()	1L5 - 1 ()			
15:10	1P1 - 3	1P2 - 3	1P3 - 1	1P4 - 1	1L5 - 2 ()	1L6 - 2 (Y. Matsushita)	1L7 - 2 ()	1L8 - 2 ()
15:30	1P1 - 4	1P2 - 4	1P3 - 2	1P4 - 2		1L6 - 3 ()	1L7 - 3 ()	1L8 - 3 ()
15:50	1P1 - 5	1P2 - 5	1P3 - 3	1P4 - 3	1L5 - 3 ()			
16:10	1P1 - 6	1P2 - 6	1P3 - 4	1P4 - 4	1L5 - 4 (Bin Ding)	1L6 - 4 ()	1L7 - 4 ()	1L8 - 4 ()
16:30	1P1 - 7	1P2 - 7	1P3 - 5	1P4 - 5		1L6 - 5 ()	1L7 - 5 ()	1L8 - 5 ()
16:50	1P1 - 8	1P2 - 8	1P3 - 6	1P4 - 6	1L5 - 5 ()			
17:10	1P1 - 9	1P2 - 9	1P3 - 7	1P4 - 7	1P5 - 1	1L6 - 6 ()	1L7 - 6 ()	1L8 - 6 ()
17:30	1P1 - 10	1P2 - 10	1P3 - 8	1P4 - 8	1P5 - 2	1P6 - 1	1L7 - 7 ()	1L8 - 7 ()
17:50	1P1 - 11	1P2 - 11	1P3 - 9		1P5 - 3	1P6 - 2		
18:10	1P1 - 12					1P6 - 3	1L7 - 8 ()	1L8 - 8 ()

10 12 ()

	1	2	3	4	5	6	7	8
		(III)	(II)	(II)		(II)		SESSION
9:30	2P1 - 1	2P2 - 1	2L3 - 1 ()	2P4 - 1		2L6 - 1 ()	2L7 - 1 ()	2L8 - 1 ()
9:50	2P1 - 2	2P2 - 2		2P4 - 2	2L5 - 1 ()			
10:10	2P1 - 3	2P2 - 3	2L3 - 2 ()	2P4 - 3	2P5 - 1	2L6 - 2 ()	2L7 - 2 ()	2L8 - 2 ()
10:30	2P1 - 4	2P2 - 4	2P3 - 1	2P4 - 4	2P5 - 2	2P6 - 1	2L7 - 3 ()	2L8 - 3 ()
10:50	2P1 - 5	2P2 - 5	2P3 - 2	2P4 - 5	2P5 - 3	2P6 - 2		
11:10		2P2 - 6	2P3 - 3	2P4 - 6	2P5 - 4	2P6 - 3	2L7 - 4 ()	2L8 - 4 ()
11:30		2P2 - 7	2P3 - 4	2P4 - 7		2P6 - 4	2L7 - 5 ()	2L8 - 5 ()
11:50						2P6 - 5		
12:10							2L7 - 6 ()	2L8 - 6 ()

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[10 11 ()]

PL-1 (12 : 30) (:)
HPLC Characterization of Polymers

PL-2 (13 : 00) (:)
Polymerric Electrolyte Membrane (PEM) Nano-composites for Fuel Cells Via Direct Polycondensation
James E. McGrath,
Virginia Polytechnic Institute and State University

1 [10 11 ()]

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IP1-1 (14 : 30) (:)
PP/Nylon

IP1-2 (14 : 50)
The Effects of Fumed Silicas Filled PET Nano-composites by in - situ Polymerization

IP1-3 (15 : 10)
Synthesis and Electric Properties of Polystyrene - b - Poly(n - butyl methacrylate) Copolymer/ Polypyrrole Nanocomposite

IP1-4 (15 : 30) (:)
PPO/silica
Hongliu Sun
Department of Chemistry & Polymer Research Center, University of Cincinnati, USA

IP1-5 (15 : 50)
Wear properties of UHMWPE/Kaolin composites prepared by in - situ Ziegler - Natta polymerization

IP1-6 (16 : 10)
Surface modification of Poly(tetrafluoro ethylene) films by low energy ion-beam irradiation and its effect on the adhesion with copper

IP1-7 (16 : 30) (:)
Interfacial Evaluation and Cure Monitoring of Single Fiber/Thermosetting Composites on UV and Thermal Curing using Electro - Micromechanical Test

IP1-8 (16 : 50)
Microstructure and Thermal Properties of Low Dielectric Polyimide/Poly(silsesquioxane) Hybrid Composite Films
Mohammad Abdul Wahab

IP1-9 (17 : 10)
Damage Sensing and Stress Transfer Mechanisms of Carbon Fiber/Epoxy - Amine Terminated (AT) - Polyetherimide (PEI) Composites using Electro - Micromechanical Test

IP1-10 (17 : 30) (:)
Structural analysis of the thin films prepared by dip/spin self - assembly coating method

IP1-11 (17 : 50)
Chain - extension of PP - g - MA with diamines

IP1-12 (18 : 10)

2 [10 11 ()]

(l)

IP2-1 (14 : 30) (:)
Vinyl - type Polymerization of Polynorbornene Dicarboxylic Acid Dialkylester
Walter Heitz

Department of Chemistry, Philipps - University of Marburg

IP2-2 (14 : 50)
Synthesis and Properties of Inorganic - Organic Block Copolymers for Nanocomposites and Nanoporous Low - Dielectric Materials.
Patrick Theato

IP2-3 (15 : 10)
Preparation and Characterization of Poly(3,4 - ethyl -

enedioxythiophene) - Silica Colloidal Nanocomposites

1P2-4 (15 : 30) (:)
Preparation and characterization of sulfonated polystyrene - g - polypropylene composite electrolyte membranes for fuel cells

1P2-5 (15 : 50)

1P2-6 (16 : 10) ()

1P2-7 (16 : 30) (:)
5

1P2-8 (16 : 50)
The retardation of aging of oxygen plasma-treated polypropylene

1P2-9 (17 : 10)

1P2-10 (17 : 30) (:)
Pyrolysis of Metal Cations - containing Sulfonated Polyimides and Their Gas Permeation Properties

1P2-11 (17 : 50)
가 PTC

3 [10 11 ()]

(I)

1L3-1 (14 : 40) (:)
My 30 Years Research Works for Medical Devices, Drug Delivery and Tissue Engineering

1P3-1 (15 : 10) (:)
Postoperative Tissue Adhesion Barrier Gels Prepared by Pluronic F127/F68/Alginate Mixture

1P3-2 (15 : 30)

1P3-3 (15 : 50)
Tissue Engineering of small caliber vascular grafts

1P3-4 (16 : 10) (:)
Study on the role of water in protein - surface interaction

1P3-5 (16 : 30)

1P3-6 (16 : 50)
Poly(D,L - lactide - co - glycolide) Poly(ethylene oxide) - Poly(propylene oxide) - Poly(ethylene oxide) Triblock Copolymer

1P3-7 (17 : 10) (:)
Fabrication and Characterization of Electrospun Nanofibers Polyurethane Membrane as Wound Dressings

1P3-8 (17 : 30)
Synthesis and Characteristics of Thromboresistant Sulfonated Poly(ethylene glycol) - grafted Polyurethane

1P3-9 (17 : 50)
In - vitro Study of Triblock Copolymers Derived from p - dioxanone, L - lactide and Poly(ethylene glycol) N. Bhattarai

4 [10 11 ()]

(I)

1L4-1 (14 : 40) (:)
Phase Structure and Transition Behavior of a Series of Laterally Attached Side - Chain Liquid - Crystalline Polynorbornenes with a One - Carbon Spacer

1P4-1 (15 : 10)
Substituent Effects on Microstructure of Initial

Reaction Products of Polyalkylsilsesquioxanes

- 1P4-2** (15 : 30)
Evaluation of Viscoelastic Relaxation and Molecular Mobility in Hyperbranched Poly(ϵ -caprolactone)s Possessing Different Linear Chain Length
- 1P4-3** (15 : 50)
Syndiotactic Polypropylene
- 1P4-4** (16 : 10)
Structural studies on naphthalene based rigid-rod benzobisthiazole polymers
N. Venkatasubramanian · Thuy D. Dang
Fred E. Arnold · B. L. Farmer
University of Dayton Research Institute
Air Force Research Laboratory
- 1P4-5** (16 : 30)
Effects of Hydrogen Bonding on Conformations and Nanostructures of Polyvinyl Alcohol and Model Molecules
- 1P4-6** (16 : 50)
Crystalline Structure and Mechanical Properties of the Surface of Thin PVDF/PMMA Films
- 1P4-7** (17 : 10)
Phase Behavior of Polymer Blend with UCST and LCST
T. P. Russell
University of Massachusetts, Amherst
- 1P4-8** (17 : 30)
The Effect of Electric Field on The Reactive Polymer Interface

5 [10 11 ()]

- 1L5-1** (14 : 40)
Effect of electrospun silk fibroin nonwovens on the cell culture of human keratinocytes in vitro
- 1L5-2** (15 : 10)
Rubber - modified Polyimide

- 1L5-3** (15 : 40)
T. Matsui · Tanaka
KAIST
Toda Kogyo Corp
Okura Industrial Co.
- 1L5-4** (16 : 10)
A Novel Method for Making Titanium and Silica Oxide Nanofibers by Using Electrospinning Method
Bin Ding
- 1L5-5** (16 : 40)
Electrospun Poly(vinyl acetate) Nonwoven Mats
American Air Filter International
- 1P5-1** (17 : 10)
Silica Nanofibers by Electrospinning Technique and Sol - Gel Method
- 1P5-2** (17 : 30)
Polymer electrolytes with electrospun PVDF membrane
- 1P5-3** (17 : 50)
Preparation of Cellulose Ultrathin Fibers via Deacetylation of Electrospun Cellulose Acetate Fibers

6 [10 11 ()]

(I)

- 1L6-1** (14 : 30)
Phase Diagram of Polymer Mixture containing Block Copolymer
- 1L6-2** (15 : 00)
Hierarchical Structures of Several Block and Graft Copolymers in Bulk
Yushu Matsushita
Department of Applied Chemistry,
School of Engineering, Nagoya University
- 1L6-3** (15 : 30)
A new type of Phase behavior in Block copolymer
T. P. Russell
University of Massachusetts, Amherst
- 1L6-4** (16 : 00)

	Control of Block Copolymer Microdomain Patterns for Nanotechnology _____
1L6-5	(16 : 30) (:) Surface Topography in Block Copolymer Thin Films _____,
1L6-6	(17 : 00) Thin Films of Block Copolymers and Their Micelles with Nanoparticles _____ .
1P6-1	(17 : 30) (:) UCOT Diblock Copolymers with Compressibility Difference between Blocks _____ .
1P6-2	(17 : 50) Theory of Reversibly Associating Copolymer-like Clusters : from Micelles to Ordered Structures _____ .
1P6-3	(18 : 10) The phase behavior of block copolymer and homopolymer mixture in thin film and bulk _____ .
7 [10 11 ()]	

1L7-1	(14 : 30) (:) Implementing New Concepts in Metallocene Catalysts : Modulation of Polymer Density and Molecular Weight Distribution _____
1L7-2	(15 : 00) Novel metallocene catalysts and their reactivities for COC _____ .
1L7-3	(15 : 30) A Highly Reactive and Monomeric Neodymium Catalyst _____, ()
1L7-4	(16 : 00) (:) Living polymerization of ethylene with metallocene catalysts _____ . (BK21) &
1L7-5	(16 : 30) Living Anionic Polymerization of Isocyanates _____
1L7-6	(17 : 00) Photoinitiator - Free Photopolymerizations of Maleimides and Vinyl Ethers Based on Electron - Donor/Acceptor System _____

1L7-7	(17 : 30) (:) 가 _____
1L7-8	(18 : 00) Diels - Alder Polymerization for Light - Emitting Materials _____, KIST
8 [10 11 ()]	

LCD	
1L8-1	(14 : 30) (:) AMLCD _____ AM LCD
1L8-2	(15 : 00) Cholesteric _____ . ()
1L8-3	(15 : 30) (:) LCD Color Filter Photoresist _____ . , LG ()
1L8-4	(16 : 00) TFT - LCD _____ . ()
1L8-5	(16 : 30) (:) Organic Materials for Organic Thin Film Transistors _____ Flexible Display
1L8-6	(17 : 00) Polymer Substrates for Flexible Displays _____ . ()
1L8-7	(17 : 30) (:) Photosensitive Polyimide Dielectrics for High Aperture Ratio TFT - LCD _____
1L8-8	(18 : 00) Polyimide _____ Anchoring _____ .
1 [10 12 ()]	

2P1-1	(9 : 30) (:) A Side Chain Type Oligo(oxyethylene) Surface - Active Polymer and Its Complexes with LiClO ₄ : Synthesis and Liquid Crystalline Behavior _____ .
2P1-2	(9 : 50) Synthesis and characterization of novel liquid crystalline polymers with fluorinated alkyl side _____

2P1-3 (10 : 10) Self - Assembled Discotic Liquid Crystals Formed by Hydrogen Bonding

2P1-4 (10 : 30) Synthesis and Characterization of New Structured Polyimides from Diamines containing 1,4-Bis(3 - ethynylaniline) Group

2P1-5 (10 : 50) Living Anionic Polymerization of n - Hexyl Iso-cyanate from Various Anionic Species

2 [10 12 ()]

2P2-1 (9 : 30) PP

2P2-2 (9 : 50) Weatherability of Sol - Gel Coatings with Hydroxyphenyltriazine Containing Silane Coupling Agent for Transparent Plastics

2P2-3 (10 : 10) 가

2P2-4 (10 : 30) Water activities of fluorinated Solid Polymer Electrolyte/waters System

2P2-5 (10 : 50) organic acid polyaniline

2P2-6 (11 : 10) Effect of Polyimide on the Liquid Crystal Alignment Layers of Coumarin based Photopolymer/Polyimide Blends

2P2-7 (11 : 30) Synthesis and Properties of New Liquid Crystalline Polymers Containing Banana - Shaped Mesogens

L - C. Chien

Liquid Crystal Institute, Kent State University

3 [10 12 ()]

(II)

2L3-1 (9 : 30) Artery Wall Binding Peptide - Poly(ethylene glycol) - Grafted - Poly(L - lysine) - Based Gene Delivery to Artery Wall Cells

2L3-2 (10 : 00) Thermogelling biodegradable polymer aqueous solutions and their biomedical applications

2P3-1 (10 : 30) Grafting of lactose - carrying styrene onto polystyrene dishes using plasma glow discharge and their interaction with hepatocytes

Toshihiro Akaike

Dept. of Biomol. Eng., Tokyo Institute of Technology, Japan

2P3-2 (10 : 50) Comparison of hepatocytes behaviors between galactose - carrying natural polymer and synthetic polymer

M. Shirakawa · T. Akaike

Dainippon Pharmaceutical Co. Ltd., Japan
Tokyo Institute of Technology, Japan

2P3-3 (11 : 10) Preparation of Poly(vinyl pivalate/vinyl acetate) /Poly(vinyl alcohol) Core/Shell Microspheres by the Saponification of Poly(vinyl pivalate/vinyl acetate) Microspheres

PVA

2P3-4 (11 : 30) Bifunctional hydrogels able to respond to pH as well as temperature

4 [10 12 ()]

(II)

2P4-1 (9 : 30) Synthesis and Characterization of Polyani - line/Layered Silicate Nanocomposites

2P4-2 (9 : 50) Synthesis and characterization of novel blocked isocyanate

S. Subramani

2P4-3 (10 : 10)

Synthesis and Properties of Waterborne PUs Having Amide Groups

- 2P4-4** (10 : 30) (:)
Physical Properties of Water - Soluble High Molecular Weight Syndiotactic Poly(vinyl alcohol) Film
PVA
- 2P4-5** (10 : 50)
Effects on the Separation of DNA Fragments According to Coating Materials for Capillary Electrophoresis
- 2P4-6** (11 : 10) (:)
-DNA Induced Turbulent Drag Reduction and Its Characteristics
- 2P4-7** (11 : 30)
Topological effects on folding kinetics of protein-like heteropolymer

5 [10 12 ()]

- 2L5-1** (9 : 40) (:)
Intercalation Polymerization and Layer - by - Layer Self - Assembled Nanocomposites of Substituted Ionic Polyacetylenes with Layered Aluminosilicates
J. Kumar · A. Blumstein
- 2P5-1** (10 : 10) (:)
poly(vinylidene fluoride) (PVdF)/poly(ethylene carbonate) (PEC)
PEC

KIST

- 2P5-2** (10 : 30)
Synthesis and Properties of Porogen-grafted Polysilsequioxanes for Low Dielectric Films

- 2P5-3** (10 : 50) (:)
()

- 2P5-4** (11 : 10)
Investigation of Porogen Domains Behavior in Porogen/Poly(methylsilsequioxane) Hybrids

6 [10 12 ()]

(II)

- 2L6-1** (9 : 30) (:)
Micellization of Block Copolymers : A Molecular Simulation Approach

- 2L6-2** (10 : 00)
Self-assembling Behaviors of Different Polystyrene-block-Poly(methyl methacrylate) Diblock Copolymers at Air/Water Interface

- 2P6-1** (10 : 30) (:)
Morphology Evolution in Nanostructured Inorganic and Organic Materials Prepared with Block Copolymer Micellar Templates

- 2P6-2** (10 : 50)
Synthesis of various block copolymers and application to liquid or supercritical carbon dioxide

- 2P6-3** (11 : 10)
SBS polystyrene
LG

Univ. of Massachusetts at Lowell

- 2P6-4** (11 : 30) (:)
Preparation of Biodegradable Nanoparticles using Functionalized Poly(ethylene oxide)-b-Poly(lactide) Block Copolymers and Its Drug Delivery Behavior

- 2P6-5** (11 : 50)
Fabrication of Periodic Mesoporous Organosilica Using PEO-PLGA-PEO Triblock Copolymer Templates and Its Hydrothermal Stability

7 [10 12 ()]

- 2L7-1** (9 : 30) (:)

- 2L7-2** (10 : 00)

- 2L7-3** (10 : 30) (:)

- 2L7-4** (11 : 00)

- 2L7-5** (11 : 30) (:)

2L7-6 (12 : 00)

8 [10 12 ()]

Session ()

2L8-1 (9 : 30) (:)

, E - Polymer Lab

2L8-2 (10 : 00)

()

2L8-3 (10 : 30)

EMC

()

2L8-4 (11 : 00) (:)

Display

LG

2L8-5 (11 : 30)

Optical Disc Technology

HD - DVD

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DM

2L8-6 (12 : 00)

() [10 11 ()]

(9 : 30 11 : 30) (: ,)

[(l)]

1PS-1 Thermal, mechanical, and rheological properties of ethylene vinyl - acetate copolymer(EVA) with various contents of vinyl - acetate(VA)

1PS-2 Manufacture and properties of EVOH/organoclay nanocomposite

1PS-3 Mechanical and Thermal Properties of UV Cur - able Polyester Acrylate/Clay Nanocomposite

1PS-4 Effects of Stabilization Processing Parameters on the Mechanical and Thermal Properties of Rayon - based Stabilized Fibers

- 4 - 5

1PS-5 Concentration Dependence of Fluorescence Behavior of a Liquid Crystal E7 in Ethanol

1PS-6 Studies on poly(butylene terephthalate)/clay nano - composite by melt - intercalation process

1PS-7 A Study on the Mechanical Properties of Waste Thermoplastic Elastomer[TPA]

FRAMAS KOREA

1PS-8 PCM Nano

1PS-9 Effects of mixed cations on the mechanical pro - perties and morphology of styrene - based iono - mers

1PS-10 Relationships between absorption coefficients and mechanical properties of sulfonated polystyrene ionomers blended with PA - 6

1PS-11 PEA

1PS-12 Soluble Polypyrrole : Electrical, Physical and Structural Characterization

1PS-13 Synthesis and characterization of stretchable polypyrrole doped with functional dopant

1PS-14 Effects of sulfur, carbon black, and silica contents in SBR on the gas permeation characteristics

1PS-15 Miscibility enhancement of homoblends of PEA - based ionomers containing itaconate and acrylate ionic groups

1PS-16 (- co -)

1PS-17 Preparation of PTV Films, Nanotubes and Nanorods by Chemical Vapor Deposition

1PS-18 The Fouling Mechanism of Humic Acid in RO and NF Membranes

1PS-19 The Effect of Temperature on the Infrared Spectra of Segmented Block Copolyesters

1PS-20 A Study of Molecular Motion by Solid - State NMR, X - ray, and FT - IR Spectrometer on the Poly - carbonate/Montmorillonite Hybrids

1PS-21 RuO₄

1PS-22 RuO₄

1PS-23 The Effect of Flexible Chain Length on the Macro - scopic Properties of Poly(alkylene 2,6 - naph - thalate)

- 1PS-24** Solution NMR studies of syndiotactic - rich poly (vinyl alcohol) _____, LG
- 1PS-25** Spectroscopic Investigations of the Microstructure of Norbornene - Ethylene Copolymers _____, LG
- 1PS-26** _____
- 1PS-27** Late Dewetting Stage of Inverted PVP/PS Bilayer Thin Films _____
- 1PS-28** UV _____ () LGS
- 1PS-29** Polyurethane/Clay Nanocomposite _____
- 1PS-30** Two Gel States of a PEO - PPO - PEO Triblock Copolymer Formed by Different Mechanisms _____
- 1PS-31** Effect of Endfunctionality, Concentration and Molecular Weight of Reactive Polymer on Immiscible Polymer Interface: A Monte Carlo Study _____
- 1PS-32** Gel carboxylated SB latex morphology _____
- 1PS-33** _____
- 1PS-34** block (II) _____
- 1PS-35** A study on the phase behavior of liquid crystalline polymers having sulfone group in the side chain _____
- 1PS-36** Electrorheological properties of the Polypyrrole - silica hybrid nanocomposite suspensions _____
- 1PS-37** Polyethylene Terephthalate - Polyethylene Glycol Copolymer Damping _____
- 1PS-38** In situ emulsion polymerization Polypyrrole - Poly(ε-caprolactone) composite electro - rheological properties _____
- 1PS-39** HDPE thin film substrate morphology _____
- 1PS-40** Properties of Polyurethane / Clay Nanocomposite Foam _____
- 1PS-41** Complex coacervation _____
- 1PS-42** Solution Thermodynamics of Poly(lactic acid)/ Dialkyl Phthalate System _____
- 1PS-43** [] (Foaming Properties and Flame Retardancy of the Foams with Inorganic Flame Retardants) _____
- 1PS-44** Interfacial Tension Measurement between immiscible polymers; Improved Deformed Drop Retraction Method _____
- 1PS-45** Recycling of Poly(ethylene terephthalate) based on unsaturated polyester _____
- 1PS-46** Foaming characteristics and mechanical properties of PBAS/TPS blends. _____
- 1PS-47** Effect of compatibilizer on the morphology and mechanical properties of PP/NBR blends _____
- 1PS-48** Improvement of Matted and Physical Properties of EVA - based Foams with Nano - clay _____ ()
- 1PS-49** Synthesis and characterization of polyethylene - g - polystyrene as the compatibilizer for polypropylene/polystyrene blends _____ ()
- 1PS-50** Reactive Extrusion of Polypropylene/EPDM/ Silica Ternary Blends _____
- 1PS-51** A study on Thermoplastic Vulcanizate blend using waste tire powders _____
- 1PS-52** Characterization of immiscible polymer blends by FT - IR microscopy _____ LG
- 1PS-53** Reaction kinetics and morphological changes at polymer - polymer interface _____
- 1PS-54** FeCl₃ - Si ABS/SAN _____
- 1PS-55** Characteristics of the annealed PHB/PEN/PET ternary blend fibers _____

- 1PS-56** Coverlay Tape
- 1PS-57** Surface modification of Poly(ether imide) by low energy ion - beam irradiation and its effect on the polymer blend
- 1PS-58** Isothermal Crystallization Behavior of PEO/PMMA Blends Crystallized under External Electric Field
- 1PS-59** Structure Development Induced by Combined Crystallization and Liquid - Liquid Demixing in Poly(ethylene terephthalate)/Polycarbonate Blend
- 1PS-60** Crystallization Behavior and Spherulite Morphology in Poly(trimethylene terephthalate)/Poly(ether imide) Blends
- 1PS-61** Studies on Thermal and Mechanical Properties of Electron - beam Cured Cycloaliphatic/Difunctional Epoxy Blend System
- 1PS-62** Polymer/clay Nanocomposites as a Reactive Compatibilizer in HDPE/PS Blend System
- 1PS-63** Studies on Cure Behavior and Thermal Stability of Epoxy/Polyimide Blend System
- 1PS-64** Rheological Properties and Cure Behaviors of Difunctional Epoxy/Biodegradable Poly(butylene succinate) Blends
- 1PS-65** Thermal Properties and Fracture Toughness of Bisphenol A and S - based Difunctional Epoxy Blend System
- 1PS-66** Studies on Surface Energies and Mechanical Interfacial Properties of DGEBA/PMR - 15 Blend System
- 1PS-67** Effect of Silicone - Based Composite Rubber Particles on Their Fusion and Toughening Behavior in PVC/Rubber Melt Blends
- 1PS-68** PEN/PET
- 1PS-69** Aluminium Hydroxide가 EVA/LLDPE
- 1PS-70** Cure Kinetics and Thermal Stability of Epoxy Resin Containing Flame Retardant Component
- 1PS-71** Maleic anhydride(MAH) EVA PETG
- 1PS-72** Processability and rheology of polyolefin blend filled with flame retardants
- 1PS-73** Poly(phenylene sulfide)/Polydimethylvinylsiloxane blends
- 1PS-74** PTT/PET
- 1PS-75** Transesterification in Copolyetherester Blends
- 1PS-76** Comparison of Electrical Properties and Reinforcing Effect for Carbon Nanotube and Nanofiber/Epoxy Composites using Electro - Micro-mechanical Technique
- 1PS-77** Nondestructive Evaluation of Mechanical Properties for Single Fiber/Variou Epoxy Composites by Characterization of Wave Signals by Acoustic Emission
- 1PS-78** Interfacial Evaluation and Microfailure Mechanisms of Carbon Fiber/Epoxy - CTBN Modified Amine Terminated (AT) Polyetherimide (PEI) Composite using Microdroplet Test
- 1PS-79** Interfacial Evaluation and Microfailure Mechanism of Single Glass Fiber/Epoxy Composites Using Embedded PVDF Polymeric Sensor and Acoustic Emission
- 1PS-80** Effects of Quasi - Carbonization Processing Parameters on the Mechanical and Dynamic Me-

- chanical Properties of Quasi - Carbon Fabric/
Phenolic Composites _____
- 2 - 1 - 4
- 1PS-81** Effects of Various Silane Coupling Agents on the
Interfacial Properties of Glass/Nylon 6 Compos-
ites _____
- 1PS-82** Preparation and Characterization of Phenyl-
ethynyl - Terminated polyimide Films Filled with
Expanded Graphite and Graphite Nanofiber
_____. L. T. Drzal
Composite Materials & Structures Center,
Michigan State University, U.S.A.
- 1PS-83** Manufacturing of nano size montmorillonite powder
using spray dryer _____
- 1PS-84** Mechanical properties of epoxy composites using
montmorillonite by spray drying method

- 1PS-85** Epoxy/clay _____
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Institute of Tropical Technology, Vietnam
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Tokyo Institute of Technology
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_____ . _____ . T.Akaike

_____ Tokyo Institute of Technology, Japan

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Jianli Wang · Youyi Xu · Xiangdan Li
School of Chemical Engineering,
Zhejiang University of Technology
Institute of Polymer Science,
Zhejiang University
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- ^{*}Tokyo Institute of Technology, Japan
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- . DPI Solutions, Inc.



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1L8 - 8	2PS - 239	1PS - 81	1PS - 169	1PS - 4
2PS - 240	2PS - 246	1PS - 131	1PS - 181	1P1 - 7
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1L8 - 3	2PS - 126	1PS - 276	1P4 - 5	1P2 - 11
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1P1 - 6	2PS - 124	1PS - 260	1P3 - 3	2P4 - 7
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1L5 - 4	2PS - 43	2PS - 115	2PS - 247	2PS - 190
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1P3 - 9	1PS - 108	2PS - 141	1PS - 108	2PS - 87
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1P3 - 5	1P6 - 1	2PS - 25	2P4 - 2	1PS - 115
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2PS - 203	2PS - 6	1PS - 275	2PS - 198	2PS - 180
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2PS - 49	2PS - 226	2PS - 154	1PS - 45	1PS - 121
2PS - 105	1L6 - 5	2PS - 205	2PS - 5	2PS - 136
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1PS - 229	1PS - 30	2PS - 76	2PS - 74	1P1 - 8
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1PS - 30	1PS - 35	2PS - 89	1PS - 130	2PS - 126
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1PS - 170	2P4 - 1	2PS - 248	2PS - 91	2PS - 26
1PS - 178	2P5 - 2	2PS - 249	1PS - 108	2PS - 27
1PS - 179	2P6 - 5	2PS - 250	1PS - 242	2PS - 28
2PS - 208	2PS - 102	2PS - 213	2PS - 120	2PS - 160
2PS - 221	2PS - 254	1PS - 250	2PS - 185	2PS - 100
2PS - 246	2PS - 77	1L5 - 3	2PS - 187	1PS - 62
2PS - 115	1P3 - 9	2PS - 142	1P4 - 5	1PS - 235
1PS - 233	2PS - 269	2PS - 156	1PS - 202	2PS - 203
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2PS - 144	1PS - 238	1P5 - 1	2PS - 96	1PS - 176
2PS - 145	2P1 - 1	1PS - 14	2PS - 97	1PS - 178
2PS - 79	1PS - 223	1PS - 94	1PS - 98	1PS - 179

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2PS - 23	2PS - 204	2PS - 265
1PS - 63	2PS - 260	2PS - 154
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2PS - 36	1PS - 271	1PS - 129
1PS - 272	1P3 - 7	1PS - 130
1PS - 273	1PS - 28	1PS - 139
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국립군산대학교 배치도



- 1. ()
- 2. ()
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466 - 2307	461 - 6222		465 - 1641
가 461 - 3003	467 - 6600	467 - 4247	468 - 2341
466 - 2267	468 - 4121	468 - 1055	462 - 2662
468 - 1322	461 - 4941	가 467 - 2581	465 - 6131
462 - 4613	467 - 6112	465 - 7091	
465 - 0218	468 - 0707	468 - 8181	445 - 7800
468 - 8121	467 - 7444	467 - 3631	가 442 - 8233
467 - 6583	465 - 9993	465 - 3121	446 - 0787
462 - 8855	467 - 2922	467 - 2987	446 - 3227