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Final Technical Report

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The Symposium on Inorganic and Organometallic Polymers

1993 Spring National ACS Meeting
Denver, Colorado
March 29 - April 2, 1993

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The program of the *International Symposium on Inorganic and Organometallic Polymers* reviewed the developments in the area of Inorganic Polymers since the previous symposium on this subject held at the Denver ACS Meeting in 1987. The program at this second meeting included 49 speakers from the United States, France, Germany, Japan, The Netherlands, and Italy, who gave 20 to 30 minute presentations. These were divided into six half-day sessions (Monday, March 28 through Wednesday, March 31) entitled Silicon-containing Polymers (2 sessions), Oxo-network Polymers (1 session), Poly(phosphazenes) (1 session), Main Group Element Polymers (1 session), and Metal-containing Polymers (1 session). In addition, 27 posters on these subjects were presented in the Polymer Division Tuesday evening session. These talks explored a multitude of important and often unique mechanical, thermal, photochemical, electrical, optical, and biomedical properties of Inorganic Polymers. Manuscripts from these papers and posters were published in *Polymer Preprints (Am. Chem. Soc. Div. Polym. Chem.)* 1993, 34(1). The relevant portion of the Table of Contents of *Polymer Preprints* is attached. Attendance at these sessions ranged from 40 to 200 people.

To acquaint those relatively new to the field, a tutorial session was held on Sunday afternoon, March 28 just prior to the regular sessions. Three one hour talks were presented by Harry Allcock, Dietmar Seyferth, and Walter Klemperer on "General Principles, Diversity of Systems, and Structure-Property Relationships in Inorganic and Organometallic Polymers", "A Survey of Organosilicon Polymers", and "Oxopolymers: An Introduction to Inorganic Network Polymerization", respectively.

Based on the vast interest in the meeting and a number of new developments in the field of Inorganic Polymers, the organizers have initiated the publication of papers related to this symposium as an *ACS Symposium Series Volume*. Approximately 35 manuscripts have been received and reviewed and are now being returned to the authors for corrections. The tentative Table of Contents of this book is also attached to this report.

Table of Contents for ACS Symposium Series

author	Manuscript title
Silicon containing polymers	
H. Sakurai	Anionic Polymerization of Masked Disilenes to Polysilylenes. Mechanism and Applications
C. Biran, M. Bordeau	Electrochemical Access to Di, Tri and Polysilanes
E. Fossum, K. Matyjaszewski	Stereoregular Polysilanes by Ring-Opening Polymerization
Joanne Schwark	Polysilazane Thermosets as Precursors for Silicon Carbide and Silicon Nitride
R. M. Waymouth	Substituent Effects on the UV Absorption of σ -Conjugated Polysilanes
K. J. Wynne	Surface Properties of Polydimethylsiloxane-Urea-Urethane Copolymers with 1,4-Benzenedimethanol as Chain Extender
J. C. van de Grampel	Silicon Containing Resist Materials Based on Chemical Amplification
Oxopolymers	
C. J. Brinker	Structure-Property Relationships in Sol-Gel-Derived Thin Films
D. A. Loy	Porous Materials by Design. Plasma Oxidation of Hydrocarbon Templates in Polysilsesquioxanes
J. Livage	Sol-Gel Synthesis of Heterometallic Oxopolymers
A. R. Barron	A New Structural Model for Alumoxane Macromolecules
W. S. Rees, Jr.,	Use of the Reaction Products of Diols and Organoaluminum Compounds as Precursors to Al_2O_3 . Control over Ceramic Material Phase and Particle Size by Choice of Chemistry
H. K. Schmidt, Herbert Krug	Sol-Gel Based Inorganic-Organic Composite Materials

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 Distribution _____
 Availability Code _____
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author	Manuscript title
Polyphosphazenes	
H. R. Allcock	Macromolecular and Materials Design Using Polyphosphazenes
R. H. Neilson	New Synthetic, Catalytic, and Structural Studies Related to Poly(alkyl/arylphosphazenes)
P. Wisian-Neilson	Backbone Coordination of Poly(alkyl/arylphosphazenes)
W. T. Ferrar,	Polyphosphazene Molecular Composites. In Situ Polymerizations of Silicon, Titanium, Zirconium and Aluminum Alkoxides
M. Kajiwara	Oxygen Gas Permeability and the Mechanical Properties of Poly(n-butylamino)(di-n-hexylamino)phosphazene Membranes
M. Gleria	Grafting Reactions onto Poly(organophosphazenes)
Y. W. Chen Yang	Poly[(bis- <i>p</i> -chlorophenoxy)phosphazene] /Polystyrene Blends: Preparation, Compatibility, and Properties
M. L. White, K. Matyjaszewski	Polyphosphazene Random and Block Copolymers with Alkoxyalkoxy and Trfluoroethoxy Groups
C. E. Hoyle	The Photophysics and Photochemistry of Poly(alkylarylphosphazenes) and Poly(methylphenylphosphazene- <i>graft</i> -polystyrene Copolymers
Main group element polymers	
A. K. Roy	Poly(alkyl/aryloxothiazenes), $[N = S(O)R]_n$, A New Direction in Inorganic Polymers
L.G. Sneddon/R. T. Paine	Recent Developments in Borazine Based Polymers
Y. Kimura	Synthesis and Pre ceramic Applications of Poly(aminoborazinyls)
C. Allen	Quantitative Reactivity Studies of the Copolymerization Reactions of Inorganic Rings Containing Olefinic Substituents
Y. Chujo	Synthesis of Organoboron Polymers by Hydroboration Polymerization

L. J. Henderson, Jr. Teddy Keller	Poly(Carborane-Siloxane-Acetylene) as Precursor to High Temperature Thermoset and Ceramic
Jim Jensen	Organoaluminum Precursors Polymers for Aluminum Nitride Ceramics
Metal containing polymers	
I. Manners,	Ring-Opening Polymerization (ROP) of Strained, Ring-Tilted Metallocenophanes: A New Route to Organometallic Polymers
M. E. Wright	Transition Metals in Polymer Chemistry: The Search for χ (2) Organometallic NLO Polymers
M. Hanack	Transition Metalphthalocyanines as Structures for Materials Design
D. R. Tyler	Synthesis, Characterization, and Reactivity of a New Class of Photochemically Reactive Polymers Containing Metal-Metal Bonds Along the Polymer Backbone
D. S. Bohle	Structural and Spectroscopic Studies of β-Hematin the Heme Coordination Polymer in Malaria Pigment
Kenneth Gonsalves	Synthesis of Nanocomposites via Inorganic Polymeric Gels

POLYMER PREPRINTS

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Liquid crystalline block copolymers. E. Chiellini, G. Galli, A.S. Angeloni,
M.C. Bigozzi, M. Laus, E.I. Serhatli, Y. Yagci. 190

THURSDAY AM (π -Conjugated and High Carbon Content Systems)

Synthetic approaches to carbon-rich and all-carbon networks. F. Diederich. 192

New approaches to all carbon ladder polymers:cyclization reactions of acetylenes.
Q. Zhou, T.M. Swager. 193

Photostructuring of conjugated polymers. K. Müllen, A. Böhm, G. Fieser, R.O. Garay,
H. Mauermann, S. Stein. 195

Conjugated polymers for organic LEDs: Poly[2,5-bis(3 α -5 β -cholestanoxo)-
phenylenevinylene] (BCHA-PPV); a processable, yellow light emitter. E. Wudl,
S. Höger, C. Zhang, K. Pakbaz, A.J. Heeger. 197

Structurally perfect ladder polymers: Shape and conversion. M. Löffler,
A.-D. Schlüter. 199

A new synthesis of polymers containing acetylenic groups. M. Strukelj, M. Paventi,
A.S. Hay. 201

Synthesis of planar poly(*p*-phenylene) derivatives for maximization of extended
 π -conjugation. J.M. Tour, J.J.S. Lamba. 203

THURSDAY PM (Blocks, Grafts and Networks)

Ring opening polymerization catalysts. R.H. Grubbs, L.K. Johnson, B.M. Novak,
M. Hillmyer, A. Benedicto, M. France, S.T. Nguyen.

Synthesis of polymer networks containing degradable polyacetal segments.
E.J. Goethals, C.G. Trossaert, P.J. Hartmann, R.R. DeClercq. 205

Block copolymers via living transition metal initiated polymerizations: Change of
mechanism and bimetallic initiator approaches. B.M. Novak, T.J. Deming. 207

Transport properties of poly(ethylene oxide)-siloxane networks containing lithium
perchlorate. S. Boileau, P. Guegan, L. Lestel, D. Teyssie, H. Cheradame. 209

Synthesis of functionalized poly(α -olefins) via Ziegler-Natta catalysis: Homo- and
copolymers. A.-L. Mogstad, M.R. Kesti, G.W. Coates, R.M. Waymouth. 211

Simultaneous hydrosilylation and ring-opening polymerization as a route to novel
polymer architectures. J.V. Crivello, M. Fan. 213

Quantitative evaluation of a smart material: PVA-borate gelation and the gel's response
to diols. E.T. Wise, S.G. Weber. 215

INORGANIC AND ORGANOMETALLIC POLYMERS

(Organizers: H.R. Allcock, K.J. Wynne, P. Wisslan-Neilson)

SUNDAY PM (Tutorial)

General principles, diversity of systems, and structure-property relationships in inorganic
and organometallic polymers. H.R. Allcock.

A survey of organosilicon polymers. D. Seyferth.

Oxopolymers: An introduction to inorganic network polymerization. W.G. Klemperer.

MONDAY AM (Silicon-containing Polymers)

Unsaturated organosilicon polymers as preceramic and electrooptic materials.
T.J. Barton, Y. Ding, Y. Pang, S. Ijail-Maghaoodi. 217

Anionic polymerization of masked disilenes to polysilylenes. Mechanism and applications. **H. Sakurai, K. Sakamoto, Y. Funada, M. Yoshida. 218**

Electrochemical access to di, tri and polysilanes. **C. Biran, M. Bordeaux, M.-P. Lèger-Lambert, F. Spirau, J. Dunogués. 220**

Linear polysilylenes by ring-opening polymerization of cyclotetrasilanes. **J. Chrusciel, E. Fossum, K. Matyjaszewski. 221**

New polymer pyrolysis routes to near-stoichiometric silicon carbide. **D. Seyferth, M. Tasi, H.-G. Woo, P. Czubarow, H.J. Tracy, J.L. Robison, G.E. Koppetsch, T.G. Wood. 223**

Anionic polymerization of cyclic organosilicon compounds initiated by trimethylsilylmethylithium. **T. Zundel, L. Lestel, D. Teysié, J.M. Yu, S. Bolleau. 225**

C₆₀-Siloxane polymers for hydrosilylation reactions. **R. West, M. Miller, H. Takahashi, T. Gunji, K. Oka. 227**

MONDAY PM (Silicon-containing Polymers)

Functionalization of poly(phenyl)silane. **J.P. Banovetz, Y.-L. Hsiao, R.M. Waymouth. 228**

Synthesis, characterization and platinum catalyzed crosslinking of copoly(1-sila-cyclobut-1-ylidene-1,4-phenylene). Properties of aromatic carbosilane thermoset.
C.Y. Liao, M.W. Chen, W.P. Weber. 230

Low temperature Wurtz-type polymerization of substituted dichlorosilanes. **R.D. Miller, E.J. Ginsberg, P. Jenkner, D. Thompson. 232**

Comparison of dialkyl and alkyl-aryl substituted polysilanes in solution. **P.M. Cotts. 234**

Surface properties of polydimethylsiloxane-urea-urethane copolymers with 1,4-benzenedimethanol as chain extender. **K.J. Wynne, T. Ho. 236**

Silicon containing resist materials based on chemical amplification. **R. Puyenbrock, P. Werkman, J.J. Jansema, J.C. van de Grampel, B.A.C. Rousseeuw, E.W.J.M. van der Drift. 238**

Relationship between the structure and properties of silica membranes and film.
C.J. Brinker, N.K. Raman, R. Sehgal, D.L. Logan, T.L. Ward, S. Wallace, R.A. Assink. 240

Structural characterization of sol-gel derived siloxane-oxide materials. **F. Babonneau, J. Maquet, S. Dire. 242**

Porous materials by design, plasma oxidation of hydrocarbon templates in polysilsesquioxanes. **D.A. Loy, R.J. Buss, R.A. Assink, K.J. Shea, H. Oviatt. 244**

TUESDAY AM (Oxo-network Polymers)

Sol-gel synthesis of heterometallic oxopolymers. **J. Livage, F. Babonneau, L. Bonhomme-Coury. 246**

A new structural model for alumoxane macromolecules. C.C. Landry, N. Pappé, A.W. Apblett, M.R. Mason, <u>A.R. Barron</u> .	248
Molecular growth pathways in titania sol-gel polymerization. Y. Chen, V.W. Day, T.A. Eberspacher, <u>W.G. Klemperer</u> , C.W. Park, F.S. Rosenberg, J. Hao.	250
Use of the reaction products of diols and organoaluminum compounds as precursors to Al ₂ O ₃ . Control over ceramic material phase and particle size by choice of chemistry. <u>W.S. Rees, Jr.</u> , W. Hesse.	252
Inorganic polymers derived from silica and alumina. An ion conducting polymer obtained by reaction of BaSi(OCH ₂ CH ₂ O) ₃ with tetraethylene glycol. K.W. Chew, B. Dunn, T. Faltens, M.L. Hoppe, <u>R.M. Laine</u> , L. Nazar, H.-K. Wu.	254
Polymer precursors to silicate ceramics: Studies of ceramic formation. <u>C.K. Ober</u> , M.H.E. Martin, L. Beecroft.	256
Towards biomimetic composite materials. Organic-inorganic composite materials possessing rigid chain, helical polyisocyanate templates. <u>B.M. Novak</u> , S.M. Hoff, Y. He.	258
Sol-gel based inorganic-organic composite materials. <u>H.-K. Schmidt</u> .	260
TUESDAY PM (Polyphosphazenes)	
Macromolecular and materials design using polyphosphazenes. <u>H.R. Allcock</u> .	261
New synthetic, catalytic, and structural studies related to poly(alkyl-arylphosphazenes). C.E. Wood, R.C. Samuel, W.R. Kucera, C.M. Angelov, <u>R.H. Neilson</u> .	263
Backbone coordination of poly(alkyl/arylphosphazenes). <u>P. Wisian-Neilson</u> , F.J. Garcia-Alonso.	264
Polyphosphazene molecular composites II. In situ polymerizations of titanium, zirconium and aluminum alkoxides. B.K. Coltrain, <u>W.T. Ferrar</u> , C.J.T. Landry, T.R. Molaire, D.E. Schildkraut, V.K. Smith.	266
Oxygen gas permeability and the mechanical properties of poly(n-butylamino) (di-n-hexylamino)phosphazene membranes. <u>M. Kailwara</u> .	268
Grafting reactions onto poly(organophosphazenes). <u>M. Gleria</u> , F. Minto, P. Bortolus, G. Facchin, R. Bertani, M. Scoponi, F. Pradella.	270
The compatibility and properties of poly[(bis-p-chlorophenoxy)phosphazene]/polystyrene blends. <u>Y.W. C. Yang</u> , T.T. Wu.	272
Synthesis of polyphosphazene random and block copolymers. K. Matyjaszewski, M.S. Lindenberg, M.K. Moore, <u>M.L. White</u> .	274
The photophysics and photochemistry of poly(alkylarylphosphazenes). <u>C.E. Hoyle</u> , D. Creed, P. Subramanian, P. Chatterton, I.B. Rufus, P. Wisian-Neilson.	276
TUESDAY (Posters) 6:00-8:00 PM	
Towards identification of the stereoisomers of Me ₄ Ph ₄ Si ₄ . <u>E. Fossum</u> , S. Gordon, J. Maxka, K. Matyjaszewski.	278
Temperature and solubility effects in the formation of polysilanes by the reductive-coupling of dichloro(organosilanes). R.G. Jones, <u>S.J. Webb</u> .	280

Light-emitting devices from poly[(sila)ylene]thiophenes]. <u>J.K. Herrema</u> , J. Wildeman, R.H. Wieringa, G.G. Malliaras, S.S. Lampoura, G. Hadziioannou.	282
Hydrosilylation of styrene-isoprene block copolymer. A.H. Gabor, E.A. Lehner, T.E. Long, G. Mao, E.C. Rauch, B.A. Schnell, <u>C.K. Ober</u>	284
Hydrosilylation of alkenyl azlactones. <u>K. Kumar</u> , S.V. Pathre.	286
A novel catalytic polymerization reaction. Coupling allyloxy and Si-H moieties. A. Sellinger, <u>R.M. Laine</u>	288
Synthesis of carboxilane monomers and polymers with mesogenic pendant groups. <u>S.J. Sargeant</u> , W.P. Weber.	290
Poled ordered phenoxy-silicon polymers as second order nonlinear optical materials. <u>R.L. Jeng</u> , Y.M. Chen, J.I. Chen, J. Kumar, S.K. Tripathy.	292
Peroxide-substituted polysilazanes: Self-thermosetting ceramic precursors. <u>J.M. Schwark</u>	294
Pre-ceramic polysilazanes for structural applications. <u>S.T. Schwab</u> , R. C. Graef, C.R. Blanchard, Y.-M. Pan, D.L. Davidson, G.E. Maciel, B.L. Hawkins, S.F. Dec, M.F. Davis, R. Lewis.	296
Synthesis and characterization of poly(phenylene-silica) hybrid materials via sol-gel process. H.K. Kim, G. Yin, <u>C.K. Ober</u>	298
Synthesis and properties of poly[(trimethylsily)silsesquioxane]. <u>H. Yamane</u> , Y. Kimura, T. Kitao.	300
Curable liquid polyalazane precursors for aluminum nitride ceramics. <u>J.A. Jensen</u>	302
Synthesis and properties of end-reactive oligomers having organosilyl and amino groups. <u>Y. Nagasaki</u> , E. Honzawa, M. Kato, K. Kataoka, T. Tsuruta.	304
Studies of cross-linking of poly(dimethyl siloxane) networks by inverse gas chromatography. <u>Z. Tan</u> , R. Jaeger, G.J. Vancso.	306
Synthesis and characterization of triphenyl phosphine oxide containing polyimide-polydimethyl siloxane randomly segmented copolymers. <u>J.M. Wescott</u> , T.H. Yoon, L. Kiefer, D. Rodrigues, G.L. Wilkes, J.E. McGrath, M. Konas.	308
Poly(arylene ether)s containing phosphorus and heterocyclic pendant moieties. <u>D.B. Priddy, Jr.</u> , M. Franks, M. Konas, M.A. Vrana, T.H. Yoon, J.E. McGrath.	310
Heat-resistant thermosetting resins and maleimido prepolymers based on a novel tetrakisaminophenoxycyclotriphosphazene. <u>D. Kumar</u> , A.D. Gupta, M. Khullar.	312
Synthesis and characterization of polyphosphazenes for potential electro-optical applications. <u>A.J. Jaglowski</u> , R.E. Singler.	314
Chain terminators for polyphosphazenes. R.A. Montague, <u>F. Burkus II</u> , K. Matyjaszewski.	316
Synthesis routes to oxygen containing poly(alkyl/arylphosphazenes). <u>L. Balley</u> , M. Bahadur, P. Wisian-Neilson.	318
Functionalization of polyphosphazenes: Synthesis and characterization of hydroxylic groups-containing poly[bis(alkoxy)phosphazenes]. <u>R. DeJaeger</u> , D. Houalla, C. Francart-Delprato.	320

New materials based on TEOS-poly(organophosphazene) systems. <u>G. Facchia</u> , G. Fantin, M. Gleria, M. Guglielmi, F. Spizzo.	322
Synthesis and properties of aryloxy and mixed substituent alkoxy/aryloxy poly(thionylphosphazenes) with halogen substituents at sulfur. <u>M. Edwards</u> , Y. Ni, M. Liang, A. Sommer, J. Massey, G.J. Vancso, I. Manners.	324
Ab initio studies on mimics of substituted poly(thionylphosphazenes). J.B. Lagowski, <u>R. Jaeger</u> , I. Manners, G.J. Vancso.	326
Poly(ferrocenylsilanes): Synthesis, characterization, electrochemistry, and pyrolysis to magnetic ceramics. <u>D.A. Foucher</u> , R. Peterson, B.-Z. Tang, R. Ziembinski, N. Coombs, P.M. Macdonald, R.N.S. Sodhi, J. Massey, G.J. Vancso, I. Manners.	328
Synthesis of poly(ferrocenylgermanes) and poly(ferrocenylphosphines) via ring-opening polymerization. <u>C. Honeyman</u> , D.A. Foucher, O. Mourad, R. Rulkens, I. Manners.	330
WEDNESDAY AM (Main Group Element Polymers)	
New sulfur(VI)-nitrogen based inorganic polymers: Poly(alkyl/aryloxothiazenes), [N = S(O)R] _n . Synthesis and characterization. <u>A.K. Roy</u>	332
Synthesis, characterization and ceramic conversion reactions of borazine-modified hydridopolysilazanes. K. Su, E.E. Remsen, G.A. Zank, <u>L.G. Sneddon</u>	334
Synthesis and processing of BN preceramic polymers. <u>R.T. Paine</u> , M. Fan, A. Hanprasopwattana, A.K. Datye.	336
Synthesis and preceramic applications of poly(aminoborazinyls). <u>Y. Kimura</u> , Y. Kubo.	337
Quantitative reactivity studies of the copolymerization reactions of inorganic rings containing olefinic substituents. <u>C.W. Allen</u> , D.E. Brown, R. Rayes, R. Tooze, G.L. Poyser.	339
Versatile reactions of organoboron polymers prepared by hydroboration polymerization. <u>Y. Chujo</u> , I. Tomita, M. Morimoto, N. Takizawa, T. Sakurai.	341
The preparation, characterization and use of boron containing preceramic polymers as precursors to sintered silicon carbide. G.T. Burns, <u>G.A. Zank</u>	343
Thermally and oxidatively stable carborane-siloxane-acetylenic-based thermosetting polymers. <u>L.J. Henderson, Jr.</u> , T.J. Keller.	345
WEDNESDAY PM (Metal-containing Polymers)	
Ring-opening polymerization of strained, ring-tilted metallocenophanes: A new route to organometallic polymers. <u>I. Manners</u> , D.A. Foucher, B.-Z. Tang.	347
Transition metals in polymer chemistry: The search for $\chi^{(2)}$ organometallic NLO polymers. <u>M.E. Wright</u>	349
Approaches to stereoregular polyferrocenylene persulfides. <u>D.L. Compton</u> , T.B. Rauchfuss.	351
Tetrazine-bridged phthalocyaninato metal complexes: A new class of intrinsic semi-conductors. <u>M. Hanack</u> , J.O. Barcina, J. Pohmer, E. Witke.	353
Synthesis, characterization, and reactivity of a new class of photochemically reactive polymers. S.C. Tenhaeff, J.J. Wolcott, <u>D.R. Tyler</u>	354

Synthesis and chemistry of metallo poly(phenylene diacetylenes). <u>T.X. Neenan</u> , O.J.A. Schueller, H.D. Hutton, M.R. Callstrom.	356
Coordination polymers based on orthobenzoquinone: Synthesis, reactions, and properties of $[Ru_2(C_6H_4O_2)(CO)_4]_n$. <u>D.S. Bohle</u> , P.A. Goodson.	358
Synthesis and characterization of metal ion binding polyesters containing 2,2'-biimidazole. <u>R.L. Lister</u> , H.L. Collier.	360
Synthesis of nanocomposites via inorganic polymeric gels. <u>K.E. Gonsalves</u> , T.D. Xiao, G.M. Chow, X. Chen, P.R. Strutt.	362

FLUOROPOLYMERS

(Organizers: P.E. Cassidy and T. Davidson)

SUNDAY PM (Tutorial)

An overview of organofluorine chemistry. <u>R. Flynn</u> .	
The chemistry of hexafluoroisopropanol-substituted aromatics. <u>J.W. Fitch III</u> .	
Synthesis of new fluoro-acrylates and fluoroepoxide monomers. <u>R.L. Soulen</u> .	
Functional fluoropolymers. <u>J. Griffith</u> .	
Polymers containing the hexafluoroisopropylidene group. <u>P.E. Cassidy</u> .	
Introduction to commercial fluoroplastics. <u>A.E. Feiring</u> .	

MONDAY AM (Special Properties)

Fluorine-19 NMR investigation of "6F" based amic acid model compounds. <u>C.D. Smith</u> , R. Mercier, H. Waton, B. Sillion.	364
Polymer dynamics studied by ^{19}F multiple quantum coherences. <u>D.A. Lathrop</u> , K.K. Gleason.	367
Photolysis of fluorinated polyimides. <u>C.E. Hoyle</u> , D. Creed, P. Subramanian, R. Nagarajan, C. Pandey, E.T. Anzures.	369
FTIR study of the influence of stereoregular PMMA morphology on its miscibility with poly(styrene-co-p-(hexafluoro-2-hydroxy-2-propyl)styrene). D. Luo, T.K. Kwei, <u>E.M. Pearce</u>	371
Characterization of the electronic properties of the 6F and 3F groups. <u>D.E. Fiore</u>	373
Effects of fluorine substitution on polarization and dielectric properties of polyimides. <u>G. Hougham</u> , G. Tesoro, A. Viehbeck, J. Chapple-Sokol.	375
Synthesis, properties, and applications of composite materials based on grafted copolymers of perfluoropolymers and perfluorinated monomers with functional groups. <u>B.V. Mislavsky</u> , V.P. Melnikov.	377
Photoelectron spectra and macromolecular structure of fluorine-containing polyether ketones. <u>T. Davidson</u> , P.D. Bourgeois.	379

MONDAY PM (Synthesis)

Low dielectric, fluorinated polyimide copolymers. <u>D.M. Stokley</u> , A.K. St. Clair, C.I. Croall.	381
---	-----