

LIST OF SELECTED PUBLICATIONS

of:
Dr. L. J. Bonis

from

1959



1996



March 7, 1996

T.F.M. Consultant
52 Haven Street
Dover, MA 02030-2131 U.S.A.

"The Influence of Processing Variables on the Properties of Nickel-Alumina Alloys". The Fifth Annual Industrial Symposia at Massachusetts Institute of Technology. Cambridge, MA May 7, 1959

Internal Oxidation of Dilute Ni-Cu Alloys for dispersion Strengthening. With N. J. Grant Massachusetts Institute of Technology June 14, 1960

"Structure and Properties of Dispersion-Strengthened Nickel Alloys Produced by Internal Oxidation" A.I.M.E. Annual Meeting February 26- March 2, 1961 St. Louis, MO.

"Particles point to Tougher Alloys" Chemical Week a Mc Graw-Hill Publication September 2, 1961

"A Rapid Improved Method of Extraction Replication" with M.W. Dumais. Fifth International Congress for Electron Microscopy

"Material Selection and Development for Application in Interplanetary Vehicles" with W. E. Toth M.I.T. Instrumentation Laboratory. 1962 at the 9th National Symposium on Interplanetary vehicles

"High Temperature Self Lubricating Alloys for Outer Space Applications" with G. Meyer, H. H. Hausner Ilikon Corporation, Natick, MA 1963

"New Approach to High Temperature Strength for Hostile Environments" Materials in Design Engineering October, 1963 Issue

"Simultaneous and Separate Pumping by Ion-Getter, Liquid Helium and Oil Diffusion Pumps in the 10^{-10} - 10^{-11} Torr Ranges". With: I. Farkas, and G. W. Horn. Ilikon Corp. 1964

"An Electron Microscopy and X-Ray Diffraction Study of the Recovery on Annealing of Cold-Worked, Dispersion Strengthened Alloys" with R. Grierson Ilikon Corporation, 1965

"A New Approach for Beverage Containers, the Plastic Composites". with Dr. O. A. Sandven, Dr. H. L. Livingston. Presented at The American Management Association Packaging Orientation February 11-13, 1974.

"Correlation of Barrier Sheet Properties with Packaged Food Quality". Composite Container Corporation Publication. 1980.

"Some Basic Concepts of Polymers". Composite Container Corporation Publication. 1981.

"Theoretical Plasticizing Throughput Calculations for Different Sizes of Extruders". Composite Container Corporation Publication. June 1982.

"Business Plan. (Monograph)". Composite Container Corporation Publication. August 1982.

"Coextruded Unit Dose Pharmaceutical Packages for Oral Liquids and Solids". (with G. Courville.) Presented at The Second Annual International Conference on Coextrusion Markets and Technology. (COEX-82). Princeton, New Jersey November 3-5, 1982.

"Pharmacy Packaged Unit Doses Co-extrusions Hurdle Barrier Problems". (with G. Courville.) Packaging Digest. November 1982.

"Coextruded Blister Materials Answer Unit-Dose Needs". Package Engineering. (Magazine) January 1983.

"High-Performance Co-extrusion for the Aseptic Packaging Industry". (with G. Courville.) Presented at The Technical Association of the Pulp and Paper Industry (T.A.P.P.I.) 1983 Polymers, Laminations and Coatings Conference. Hilton Head, SC.

"New Growth Opportunities for High Barrier Coextrusions". (with David S. Bernard.) Composite Container Corporation Publication. April 5, 1983.

"Correlation of Co-extruded Barrier Sheet with Aseptically Packaged Food Quality". Presented at The Third International Conference on Coextrusion Market and Technology. (COEX- '83) October 3-4 1983 Dusseldorf, West Germany.

"Retortable Polypropylene-Eval® Coextruded Structure". Presented at The Plastic Engineers Society Blow Molding Conference Chicago, Illinois November, 1983.

"Correlation of Coextruded Barrier Sheet Properties for Oral Liquids and Solids". Composite Container Corporation Publication. 1983.

"Retort Sterilization of High Barrier Composite Container including Eval® Layer". Composite Container Corporation Publication. 1984.

"The Effect of Protective Oliphant Layer on the Eval-F® Gas Barrier". Presented at the Pack Expo '84. Chicago, Illinois 1984.

Coex Instruction - "Correlation of Co-extruded Barrier Sheet Properties". Technical Association of The PLASTICS AND PULP INDUSTRY; T.A.P.P.I. '84). September 25, 1984.

"Rigid Thermoformable Containers for High Temperature Packaging Applications". Presented at The Second Annual International Conference on Coextrusion Markets and Technology. (COEX-'85) 1985.

"Performance and Packaging Considerations of Coextruded Barrier Structures". The Third International Conference on Packaging Innovation. Future-Pack '85 Atlanta, Georgia

"The Use of Barrier Polymers in Rigid and Semi-Rigid Application". Plastic Institute of America, Intensive Graduate course. Given at Elizabeth, New Jersey 1985 June.

"Tybond - A Novel Coextrusion Process for Medical and Pharmaceutical Use". (with D. S. Bernard.) Presented at The Technical Association of The Pulp and Paper Industry. (T.A.P.P.I. '85) Chicago, Illinois. 1985.

"Correlation of Coextruded Barrier Sheet Properties with Packaged Food Quality". Journal of Plastic Film & Sheeting. Volume 1, Number 4. p. 327. October 1985.

"Rigid Thermoformable Containers For High Temperature Packaging Applications". Food Expo '1986 Seacus, New Jersey. Jan. 14-16 1986. The Center For Professional Advancement and Packaging Group Inc.

"The Use of Barrier Polymers in Rigid and Semi-Rigid Application". Plastic Institute of America, Intensive Graduate course. Given at Atlanta, Georgia 1986 May.

"Pharmaceutical Substances and Medical Devices in Co-extruded Plastic Containers". Presented at The Technical Association of the Paper and Pulp Industry (TAPPI) Polymers, Lamination and Coatings Conference. 1986. Nashville, TN.

"High-Heat, High-Barrier Containers for Packaging Applications". Presented at The Technical Association of the Paper and Pulp Industry (TAPPI) Polymers, Lamination and Coatings Conference. 1986. Nashville, TN.

"High Heat High Barrier Plastic Containers for Packaging Applications", "Dual ovenable Feature Article'." Journal of Converting & Packaging. June 1987 pp. 45-48.

"New Generation of Plastics for Packaging Applications". TAPPI's Polymers, Laminations and Coatings Conference and Trade Fair 1987 (September 9-11 San Francisco, CA.) St. Francis Hotel.

"Next Decade of Packaging Development". TAPPI Polymers, Laminations and Coating Conference and Trade Fair 1988 (September Atlanta GA)

"New Developments in Polymeric Alloys and Blends for Packaging". TAPPI JOURNAL August, 1989 pp.93-97.

"Multilayer Thermoplastic Advance Composites by Co-extrusion" - A Liquid Crystal Alloy Development. The Polymer Processing Society Summer Meeting at The University of Massachusetts at Amherst, MA August 16-17 1989

"Correlation of Coextruded Barrier Sheet Properties with Packaged Food Quality". " Plastic Film Technology, Vol. One: High Barrier Films For Packaging" a Book edited by: Kier M. Finlayson, Technomic Publishing Co. 1989

"Pharmaceutical Substances and Medical Devices in Coextruded Plastic Containers". TAPPI JOURNAL (Polymers, Lamination and Coatings) September, 1989 pp.185-191.

"Advanced Polymer Alloys and Blends". a Presentation at the TAPPI's Polymers, Laminations and Coatings Conference and Trade Fair September 5-9, 1989 Orlando, FL Buena Vista Hotel.

Recycling "A Different Look" a Presentation at the TAPPI's Polymers, Laminations and Coatings Conference and Trade Fair September 5-9, 1990 Mariott Hotel Boston, Massachusetts

Specialty Polyolefins. "Technology Assessment, Markets and Trends" a Book, published by Schotland Business Research Inc., Princeton NJ 1992

Recycling of Post Consumer Plastic Packaging Waste A T.F.M. Publication 1992

"Can Specialty Polyolefins (SPOs) Overtake Engineering Resins?" Presented at the Second Annual International Specialty Polyolefin Conference [A Schotland Conference, Invited Paper], in Houston, TX in 1992 September.

"Current Status and Prospects for Poly(4-Methyl Pentene-1)" An in Depth Study for BP Chemicals LTD. Published by Schotland Business Research Princeton, NJ January, 1993

"Prospects for Plastics in the Health Care Market" Medical Device and Packaging, Pharmaceutical Packaging A 600 pages Book published by Schotland Business Research Inc Princeton, NJ September 1993.,

"Health Care Overview" Presented at Princeton Conference for Health Care Manufacturers 1993 october,.

"Packaging" Plastics Outflank Traditional Materials in Growth and Market Share. Modern Plastic Encyclopedia 1994 issue published by McGraw-Hill publisher pp 29-28 published mid november, 1993

"Will the New Polyolefins Challenge PVC in Healthcare (applications)" Healthcare Packaging Published by: Packaging Strategies. Vol.3 No. 3 pp 4. 1994

"Changing Sterilization Methods Impact Medical Packaging" Healthcare Packaging Published by: Packaging Strategies a Special Report April, 1994

"Recent Developments in Improving PET Properties" (with Dr. Ashok M. Adur) Presented at the FUTURE-PACK '94 (The eleventh International Schroder Conference on Packaging Innovations) on November 16 and 17, 1994 in Chicago, IL.

"PET-LCP Compatibilized Alloys: a New Unique Development" (with Dr. Ashok M. Adur) Presented at the FUTURE-PACK '94 (The eleventh International Schroder Conference on Packaging Innovations) [Invited paper] on November 16 and 17, 1994 in Chicago, IL.

"Polyethylene Terephthalate (PET)-Liquid Crystal (LCP Dual-Compatibilized Alloys" (with Dr. Ashok M. Adur) Presented at the ANTEC '95 Conference in Boston, Massachusetts May, 1995 ANTEC '95 Proceeding Vol. II pp. 3156-3163.

"PET-LCP Compatibilized Alloys: an Update on a Unique Development" (with Dr. Ashok M. Adur) and Richard W. Lusignea Presented at the FUTURE-PACK '95(The TWELFTH International Schroder Conference on Packaging Innovations) on SEPTEMBER 13 and 15, 1995 in Chicago, IL.

"New Developments and Applications with PET" (with Dr. Ashok M. Adur) Presented (by invitation) at the FUTURE-PACK '95(The TWELFTH International Schroder Conference on Packaging Innovations) on SEPTEMBER 13 and 15, 1995 in Chicago, IL.

"PET Faces the Future : New Markets for the Next Decade for Alloys and Blends" Presented at the PET Update '95 Conference October 31 November 2, 1995 at Princeton, NJ,

"Polyethylene Terephthalate (PET)-Liquid Crystal Polymer (LCP) Dual-Compatibilized Alloys Development and Other Advances in PET Use. Presented (by invitation) at the FUTURE-PACK '95(The Thirteenth International Schroder Conference on Packaging Innovations) on NOVEMBER 13 and 15, 1996 in Chicago, IL.