

บรรณานุกรม

1. S.J. Holland, B.J. Tighe and P.L. Gould, *J. Controlled Release.*, **4**,155-186 (1986).
2. รายงานการศึกษาพอลิเอสเตอร์ที่สามารถสลายตัวทางชีวภาพ เพื่อใช้ในด้านศัลยกรรมป้องกันประมาณ 2532 คณะวิทยาศาสตร์ มหาวิทยาลัยเชียงใหม่.
3. R.F. Williams, ed., "CRC Series in Biocompatibility; Vol.2: Biocompatibility of Clinical Implant Materials", CRC Press, Inc., Florida, USA,1981.
4. J.I. Kroschwitz ed., "Polymers: Biomaterials and Medical Applications", Encyclopedia Reprint Series., John Wiley & Sons, Inc., New York,1989.
5. B.L. Cohen, A. Kirchenbaum and J.F. Glenn, *Urology*, **30**, 369-372 (1987).
6. S. Dumitriu, ed., "Polymeric Biomaterials", Chap 10., Marcel Dekker, Inc., New York, pp.325-346,1989.
7. N.A. Swanson and T.A. Tromovitch, *J. Dermatol.*, **21**(7), 373-378 (1982).
8. L.A. Wetter, M.D. Dinneen, M.D. Levitt and R.W. Motson, *Br.J.Surg.*, **78**(8), 985-987 (1991).
9. D.F. Williams and E. Mort, *J. Bioeng.*, **1**, 231 (1977).
10. D.F. Williams, *J.Mater. Sci.*, **17**,1233-1246 (1982).
11. R.L. Kronenthal, Z. Oser and B. Martin, eds., "Polymers in Medicine and Surgery", Polymers Science and Technology, Vol.8, Plenum Press, 1975.
12. A.R. Katz, *Fundamentals of Microbiology*, fifth ed. I., Edward Alcamo AnImprint of Addison Wesley Longman,Inc., New York, 551-552, 1997.
13. G.T. Rodeheaver, T.A. Powell, J.G. Thacker and R.F. Edlich, *Amer. J. Surg.*, **164**, 17-21 (1987).
14. J.A. Ray, N. Doddi, D. Regura, J.A. Williams and A. Melreger, *Surg. Gynecol. Obsetet.*, **153**, 497-507 (1981).
15. K. Na-Lampang, M.S.Thesis, Chiang Mai University, Chiang Mai, Thailand, 1997.

16. W.V. Sharp, T.A. Belden, P.H. King and P. C. Teague, *Surgery.*, **91**, 61-63 (1982).
17. G.J. Rodeheaver, T.G. Thacker, J. Owen, M. Strauss, T. Masterson and R.F. Edlich, *J. Surg. Res.*, **35**, 525-530 (1983).
18. R. Molloy, N. Molloy, J. Taweepengsangsuksue, W. Punyodom and P.Siriwittayakorn, "Development of Biodegradable Polymers for Surgical Suture Applications, Proc. 4th ASEAN Sci. & Conf.(Mat. Sci & Tech.)", Bangkok, Thailand, pp. 28.1 – 11, 28-30 August 1995.
19. D.R. Paul and S., eds, "Polymer Blends", Vol.1, Academic Press, New York, 1978.
19. ชัยวัฒน์ เจนวนิชย์, "เคมีพอลิเมอร์พื้นฐาน", พิมพ์ครั้งที่ 1, สำนักพิมพ์โอเดียนสโตร์, กรุงเทพมหานคร, 2527.
20. ปรีชา พหลเทพ, "โพลิเมอร์", พิมพ์ครั้งที่ 6, สำนักพิมพ์มหาวิทยาลัยรามคำแหง, กรุงเทพมหานคร, 2531.
21. เสาวรจย์ ช่วยจุลจิตร, "โพลิเมอร์เบื้องต้นและคุณสมบัติของโพลิเมอร์", จุฬาลงกรณ์มหาวิทยาลัย, กรุงเทพมหานคร, 2525.
22. M.Aubin and R.E. Prud'homme, "Miscibility in Blend of Poly(vinyl chloride) and Polylactone", *Macromolecules*, **13**, 365 (1980).
23. P. Masi, DR. Paul and J.W. Barlow, "Glass Sorption and Transport in a Copolyester and Its Blend with Polycarbonate, *J. Polym. Sci. Polym. Phys. Ed.*, **20**,15 (1982).
25. Y.Cha and C.G. Pitt., "The biodegradability of polyester blends", *Biomaterials*,**11**, 108-112 (1990).
26. J.W. The, "Structure and Properties of Polyethylene-Polypropylene Blend", *J. Appl.Polym. Sci.*, **28**, 605 (1983).
27. I. Noda and D.N. Rubingh, "Polymer Solution Blends and Interfaces", U.S.A., 1992.
28. S. Reich and Y. Cohen, "Phase Separation of Polymer Blends in thin Films", *J. Polym. Sci., Polym. Phys. Ed.*,**19**,1255 (1981).
29. T.K. Kwei, T. Nishi and R.F. Roberts, "A Study of Compatible Polymer Mixtures", *Mocromolecules*, **7**, 667 (1974).
30. L.J. Hughes and G.L. Brown, "Heterogeneous Polymer Systems. I. Torsional Modulus Studies", *J. Appl. Polym. Sci.*, **5**, 580 (1961).

31. P. Haritanont, M.S. Thesis, Chiang Mai University, Chiang Mai, Thailand, 1993.
32. D.R Paul, *Shell Petrochemicals*, 1, 22–26 (1986).
33. H. Mark and A.V. Tobolsky, "Physical Chemistry of High Polymeric Systems", High Polymer, Vol.II , Interscience Publishers, Inc., New York,1995.
34. P.J. Flory, "Principles of Polymer Chemistry", Cornell University Press, London,1971.
35. H. Tompa, "Polymer Solutions", Butterworths Publicat n/s Ltd., London,1956.
36. O.Olabisi, L.M. Robeson and M.T. Shaw, "Polymer-Polymer Miscibility", Academic Press, New York,1979.
37. E. Martuscelli, R. Palumbo and M. Kryszewski, "Polymer Blends Processing", Morphology and Properties, Plenum Press, New York, 1979.
or J.V. Koleske, "Polymer Blends", Academic Press, New York, Vol.1, pp. 396-389, 1978.
38. D.B.V. Parker, "Polymer Chemistry", Applied Science, London,1974.
39. R.B. Seymour and C.E., Carraher, "Polymer Chemistry: An Introdnction", Marcel Dekker, New York, 1981.
40. H.R., Allcock and F.W. Lampe, "Contemparary Polymer Chemistry", Prentice-Hall,Inc., 1981.
41. A.C. Roulin-Moloney,Ed., "Fractography and Failure Mechanism of Polymer and Composite" Elsevier Applied Science, London,(1989).
42. M. Dunkel., "Zur Berechnung der Zwischenmolekularen Kraffte Organischer Verbindungen", *Z. Physik. Chem., A* 138, 42 (1928).
43. P.A. Small., "Same Factors Affecting the Solubility of Polymer", *Z. Appl. Chem.*, 3, 71 (1953).
44. K.L. Hoy, "New Values of the Solubility Parameters From Vapor Pressure Data", *J. Paint. Technol.*, 42, 76 (1970).
45. R.F. Fedors, "A Method for Estimating Both the Solubility Parameters and Molar Volumes of Liquids", *Polym. Eng. Sci.*, 14, 147 (1974).

46. T. Wongchanapiboon, Ph.D. Thesis, School of Industrial and Manufacturing Science, Cranfield University, England, 1992.
47. M.Yasin and B.J.Tighe, "Polymer for Biodegradation medical devices VII. Hydroxybutyrate-hydroxyvalerate copolymers: physical and degradative properties of blends with polycaprolactone", *Biomaterials*, **13(1)**, 9-16 (1992).
48. T.G. Fox, "Influence of Diluent and Copolymer Composition on the Glass Temperature of a Polymer System", *Proc. Am. Phys. Soc.*, **1**, 123 (1956).
49. R.G.T. Miller, "Laboratory Methods in Infrared Spectroscopy", Heyden & Sons, Ltd., New York, pp. 44-69, 1972.
50. Differential Scanning Colorimetry Model DSC 7 Manual, Perkin-Elmer Corp., Norwalk, Conn., USA.
51. W.R. Sorenson and T.W. Campbell, "Preparative Methods of Polymer Chemistry", John Wiley & Sons, Inc., 1968.
52. Thermogravimetric Analyzer Model TGA 7 Manual, Perkin-Elmer Corp., Norwalk, Conn., USA.
53. N.M. Bikales, "Characterisation of Polymers", Encyclopedia Reports, Wiley-Interscience, 1987.
54. F.A. Borey, "High Resolution NMR of Macromolecules", Academic Press, London, 1972.
55. I.Y. Slonim and A.N. Lyubimov, "The NMR of Polymers," Plenum Press, New York, 1970.
56. B.J. Hunt and M.I. James, "Polymer Characterisation", Chapman & Hall, Glasgow, 1993.
57. R. Molloy and N. Molloy, "Polymer chemistry laboratory I", Polymer Chemistry, Chiang Mai University, Chiang Mai, Thailand, 1996.
58. K.S. Shih and C.L. Beatty, "Blends of Polycarbonate and Poly(hexamethylene sebacate): IV. Polymer Blend Intrinsic Viscosity Behavior and its Relationship to Solid Blend Compatibility", *British Polymer Journal*, **22(1)**, 11-17 (1990).

59. N. Santisampan, B.S.(chemistry), Chiang Mai University, Chiang Mai, Thailand, 1993.
60. J. Brandrup and E.H. Immergut, eds., "Polymer Handbook", 2 nd Edn., Wiley-Interscience, 1975.
61. F.W. Billmeyer, "Textbook of Polymer Science", 2 nd Edn., Wiley-Interscience, 1975.
62. K.S. Shin and C.L. Beatty, *British Polymer Journal*, 22(1), 11-17 (1990).
63. W.R. Krigbaum and F.T. Wall, *J. Polym. Sci.*, 5, 505 (1950).
64. G.R. Williamson and B. Wright, *J. Polym. Sci.*, 3, 3885 (1965).
65. C.H. Hollen, A. Muller and K. Reh binder, "Lactic Acid; Properties and Chemistry of Lactic Acid and its derivatives, Verlag Chemie, Germany, 1971.
66. G. Perego, G.D. Cella and C. Bastioli, "Effect of Molecular weight and Crystallinity on Poly(lactic acid) Mechanical properties", *J. Appl. Polym.Sci.*, 59, 37-43 (1996).
67. T. Hideto and I. Yoshito, "Properties and morphologies of P(L-LA)", *Polymer*, 36, 2709-2714 (1995).
68. T.W. Graham Solomon, "Organic Chemistry" John Wiley & Sons, Inc., 5 th Edn., New York, pp.1001-1005,1992.
69. K.C. Frisch and S.L. Reegen, "Ring-Openning Polymerization", Vol.2, Marcel Dekker, Inc., 1969.
70. E.J. Choi, J.K. Park, and H.N. Chang, "Effect of Polymerization Catalysts on the Microstructure of P(LLA-CO- ϵ CL)", *J. Polym. Sci.*, 32, 2481-2489 (1994).
71. Y.Cha and C.G. Pitt, "A one-week subdermal delivery system for L-Methadone based on biodegradable microcapsules", *J. Controlled Release*, 7,69-78 (1988).
72. M.Chasin and R.Langer, eds., " Biodegradable Polymer as Drug Delivery Systems", Chap.3: Poly- ϵ -caprolactone and its Copolymers (by C.G.Pitt), Marcel Dekker, Inc., New York, USA, pp. 71-85,1990.
73. C.G. Pitt, "Poly- ϵ -Caprolactone and Its Copolymers", Amgen Inc., Thousand Oaks, California, pp. 71-120, 1977.
74. S. Chaivoote, M.S. Thesis, Chiang Mai University, Chiang Mai, Thailand,1989.

75. C.J. Pouchert, "The Aldrich Library of Infrared Spectra", 2 nd Edn., Aldrich Chemistry Co., Inc., New York, 1975.
76. H.F. Mark, N.M. Bikales, C.G. Overberger, G. Menges, J.I. Kroschwitz, eds., "Encyclopedia of Polymer Science and Engineering", 2 nd Edn., Vol. 4 Wiley, New York, 1988