REFERENCES

1. A. Lofgren, A.C. Albertsson, P. Dubois and R. Jerome, *J.M.S.-Rev. Macromol. Chem. Phys.*, 1995, **C35(3)**, 379-418.
2. K.J. Ivin and T. Saegusa, *Ring-Opening Polymerization*, Vol.1, Elsevier Applied Science Publishers, London, 1984.
3. K.C. Frisch and S.L. Reegen, eds., *Ring Opening Polymerization*, Marcel Dekker, New York, 1969.
4. T.G. Back, *Tetrahedron*, 1977, **33**, 3041.
5. S. Masume, G.S. Bates and J.W. Corcoran, *Angew. Chem., Int. Edn Enghlish*, 1977, **16**, 585.
6. F. Fichter and A. Beisswenger, *Ber.*, 1903, **36**, 1200.
7. C.A. Bischoff and P.W. Walden, *Liebigs Ann. Chem.*, 1894, **279**, 45.
8. C.A. Bischoff and P.W. Walden, *Ber.*, 1893, **26**, 262.
9. H. Mark and G.S. Whitby, eds., *The Collected Papers of W.H. Carothers*, High Polymers: Vol. 1, Wiley, New York, 1940.
10. H.K. Hall Jr., and H. K. Schneider, *J. Am. Chem. Soc.*, 1958, **80**, 6409.
11. H.K. Hall Jr., *J. Am. Chem. Soc.*, 1958, **80**, 6412.
12. H.K. Hall Jr., M.K. Brandt and R.W. Mason, *J. Am. Chem. Soc.*, 1958, **80**, 6420.
13. H.K. Hall Jr., and R. Zbinden, *J. Am. Chem. Soc.*, 1958, **80**, 6428.
14. H.F. Mark, N.M. Bikales, C.G. Overberger, G. Mengen and J.I. Kroschwitz, eds., *Encyclopedia of Polymer Science and Engineering*, 2nd Edn., Vol. 11, Wiley, New York, 1988.
15. J.P. Kennedy, *Cationic Polymerization of Olefins: A Critical Inventory*, Interscience, New York, 1975.
16. T. Miki, T. Higashimura and S. Okamura, *J. Polym. Sci., A-1*, 1970, **8**, 157.
17. T. Miki, H. Higashimura and S. Okamura, *J. Polym. Sci., A-1*, 1967, **5**, 2997.
18. J. Witte and M. Hoffmann, *Makromol. Chem.*, 1978, **179**, 641.
19. H. Hocker, W. Reimann, K. Riebel and Z. Szentivanyi, *Makromol. Chem.*, 1976, **177**, 1707.
20. L. Reif and H. Hocker, *Makromol. Chem.; Rapid Commun.*, 1981, **2**, 183.
21. Y. Chauvin, D. Commereuc and G. Zaborowski, *Makromol. Chem.*, 1978, **179**, 1285.

22. J. Dale, G. Borgen and K. Daasvatn, *Acta Chem. Scand., Ser. B*, 1974, **28**, 378.
23. P. Dreyfuss and M. P. Dreyfuss, *Polym. J.*, 1961, 8, 81.
24. J.B. Rose, *J. Chem. Soc.*, 1956, 542.
25. J. M. McKenna, T.K. Wu and G. Pruckmayr, *Macromolecules*, 1977, **10**, 877.
26. G. Pruckmayr and T.K. Wu, *Macromolecules*, 1978, **11**, 265.
27. J. Kops, E. Larsen and H. Spanggaard, *J. Polym. Sci., Polym. Symp.*, 1976, **56**, 91.
28. R.C. Schulz, K. Albrecht, W. Hellermann, A. Kane and Q. Van Tran Thi, *Pure Appl. Chem.*, 1981, **53**, 1763.
29. R. C. Schulz, K. Albrecht, Q. Van Tran Thi, J. Nienburg, and D. Engel, *Polymer J.*, 1980, **12**, 639.
30. H. Jacobson and W.H. Stockmayer, *J. Chem. Phys.*, 1950, **18**, 1600.
31. J.K. Jacques, M.F. Mole and N.L. Paddock, *J. Chem. Soc.*, 1965, 2112.
32. H.R. Allcock, J. *Macromol. Sci., Rev. Macromol. Chem.*, 1970, **4**, 149.
33. G.R. Walker and J.A. Semlyen, *Polymer*, 1970, **11**, 472.
34. H. Jacobson, C.O. Beckmann and W.H. Stockmayer, *J. Chem. Phys.*, 1950, **18**, 1607.
35. P.J. Flory and J.A. Semlyen, *J. Am. Chem. Soc.*, 1966, **88**, 3209.
36. P.V. Wright and J.A. Semlyen, *Polymer*, 1970, **11**, 462.
37. H. Sawada, *Thermodynamics of Polymerization*, Marcel Dekker, New York, 1976.
38. F.S. Dainton and K.J. Ivin, *Quart. Rev. Chem. Soc.*, 1958, **12**, 61.
39. F.S. Dainton, T.R.E. Devlim and D.A. Small, *Trans. Faraday Soc.*, 1955, **51**, 1710.
40. J. McMurry, *Organic Chemistry*, Brook/Cole Publishing Company, Monterey, California, 1984.
41. W.H. Carothers, G.L. Dorough and F.J. Van Natta, *J. Am. Chem. Soc.*, 1932, **54**, 761.
42. Ya.I. Gol'dfarb and L.I. Belen'kii, *Russ. Chem. Rev.*, 1960, **29**, 214.
43. L.J. Bellamy, *The Infrared Spectra of Complex Molecules*, Wiley, New York, 1958.
44. E.F. Cox and F. Hostettler (to Union Carbide Corp.), *U.S. Pat.*, 1962, **3,021,309**.
45. E.F. Cox and F. Hostettler (to Union Carbide Corp.), *U.S. Pat.*, 1962, **3,021,310**.

46. E.F. Cox and F. Hostettler (to Union Carbide Corp.), *U.S. Pat.*, 1962, **3,021,311**.
47. E.F. Cox and F. Hostettler (to Union Carbide Corp.), *U.S. Pat.*, 1962, **3,021,312**.
48. E.F. Cox and F. Hostettler (to Union Carbide Corp.), *U.S. Pat.*, 1962, **3,021,313**.
49. E.F. Cox and F. Hostettler (to Union Carbide Corp.), *U.S. Pat.*, 1962, **3,021,314**.
50. E.F. Cox and F. Hostettler (to Union Carbide Corp.), *U.S. Pat.*, 1962, **3,021,315**.
51. E.F. Cox and F. Hostettler (to Union Carbide Corp.), *U.S. Pat.*, 1962, **3,021,316**.
52. E.F. Cox and F. Hostettler (to Union Carbide Corp.), *U.S. Pat.*, 1962, **3,021,317**.
53. D.M. Young, F. Hostettler, L.C. Shriver and R. W. McLaughlin, Division of Paint, Plastic and Printing Ink Chemistry, *Amer. Soc. Meeting*, September, 1956, Vol. 16, No. 3, 108.
54. Y. Yamashita, *Anionic Polymerization: Kinetics, Mechanisms, and Synthesis*; (J.E. McGrath, ed.); *ACS Symp. Series*, 1981, **66**, 199.
55. J.M. Jonte, R. Dunsing and H.R. Kricheldorf, *J. Macromol. Sci., Chem.*, 1986, **A23 (4)**, 495.
56. H.R. Kricheldorf and M. Sumbel, *Eur. Polym. J.*, 1989, **25 (6)**, 585.
57. J.W. Leenslag and A.J. Pennings, *Makromol. Chem.*, 1987, **188**, 1809.
58. A.J. Nijenhuis, D.W. Griypma and A.J. Pennings, *Macromolecules*, 1992, **25**, 6419.
59. J. Dahlmann and G. Rafler, *Acta Polym.*, 1993, **44**, 103.
60. J. Dahlmann, G. Rafler, K. Fechner and B. Mehlis, *British Polym. J.*, 1990, **23**, 235.
61. F. Korte and W. Glet, *J. Polym. Sci.*, 1966, **B4(10)**, 685.
62. N. Yoda and A. Miyake, *J. Polym. Sci.*, 1960, **43**, 117.
63. J.M. Jonte, R. Dunsing and H.R. Kricheldorf, *J. Macromol. Sci.-Chem.*, 1986, **A23 (4)**, 495.
64. H.R. Kricheldorf and I. Kreiser, *J. Macromol. Sci.-Chem.*, 1987, **A24 (1)**,1345.
65. B. Rozenberg, *Makromol. Chem., Macromol. Symp.*, 1990, **32**, 267.
66. J.V. Crivello, T.P. Lockhart and J.L. Lee, *J. Polym. Sci. Polym. Chem. Ed.*, 1983, **21**, 97.
67. J.V. Crivello and J.L. Lee, *J. Polym. Sci. Polym. Chem. Ed.*, 1983, **21**, 1097.
68. H. Cherdron, H. Ohse and F. Korte, *Makromol. Chem.*, 1962, **56**, 179.
69. A. Hofman, S. Slomkowski and S. Penczek, *Makromol. Chem*, 1987, **188**, 2027.
70. N.E. Manolova, I. Gitsov, R.S. Velichkova and I.B. Rashkov, *Polym. Bull.*, 1985, **13**, 285.

71. S. Slomkowski, R. Szymanski and A. Hofman, *Makromol. Chem.*, 1985, **186**, 2283.
72. J. Brandrup and E.H. Immergut, eds., *Polymer Handbook*, 2nd Edn., Interscience, New York, 1975.
73. M. Szwarc, *Carbanions, Living Polymers, and Electron Transfer Processes*, Interscience, New York, 1968.
74. K. Ito, M. Tomida and Y. Yamashita, *Polym. Bull. (Berlin)*, 1979, **1(8)**, 569.
75. R.H. Hasek, R.D. Clark, E.U. Elam and J.C. Martin, *J. Org. Chem.*, 1962, **27**, 60.
76. J.G. Noltes, F. Verbeek, H.G.J. Overmars and J. Boersma, *J. Organometal. Chem.*, 1970, **24**, 257.
77. G.L. Brode and J. V. Koleske, *J. Macromol. Sci.-Chem.*, 1972, **A6**, 1109.
78. H. Ohse, H. Cherdron and F. Korte, *Makromol. Chem.*, 1965, **86**, 312.
79. W.J. Bailey, Z. Ni and S.R. Wu, *J. Polym. Sci., Polym. Chem. Ed.*, 1982, **20**, 3021.
80. K. Saotme and Y. Kodaira, *Makromol. Chem.*, 1965, **82**, 41.
81. M. Windholz, eds, *The Merck Index*, 10th Edn., Merck & Co., Inc., USA., 1983.
82. C.J. Pouchert, *The Aldrich Library of Infrared Spectra*, 2nd Edn., Aldrich Chemical Co., Inc., 1975.
83. M. Windholz and S. Budavari, eds., *The Merck Index*, 11th Edn., Merck & Co., Inc., USA, 1989.
84. J. Brandrup and E.H. Immergut, eds., *Polymer Handbook*, 3rd Edn., Wiley-Interscience, 1989.
85. J. Xu. R. A. Gross, D.L. Kaplan and G. Swift, *Macromolecules*, 1996, **29**, 4582.
86. M. Hmamouchi and R.E. Prud'homme, *J. Polym. Sci., Polym. Chem.*, 1988, **26**, 1593.
87. K.J. Widder and R. Green, eds., *Drug and Enzyme Targeting*, Vol. 112, Part A, Academic Press, Inc., New York, 1985.
88. Differential Scanning Calorimetry Model DSC-7 Instrument Manual, Perkin-Elmer Corp., Norwalk, Conn., USA.
89. Commercial product, Polysciences, Inc., USA.
90. C.H. Holten, A. Muller and D. Rehbinder, *Lactic Acid: Properties and Chemistry of Lactic Acid and its Derivatives*, Verlag Chemie, Germany, 1971.

91. R. Molloy, MSc Thesis, Aston University, Birmingham, UK, 1972.
92. A. Piumlerk, B.S. Thesis, Chiang Mai University, Chiang Mai, Thailand, 1985.
93. P.D. Ritchie and A. Golomb, *J. Chem. Soc.*, 1962, **1**, 838.
94. H. Deibig, J. Geiger and M. Sander, *Makromol. Chemie*, 1971, **145**, 123.
95. G. Allen and J.C. Bevington, eds., *Comprehensive Polymer science*, Vol.1 : Polymer Characterization (Vol. eds. : C. Booth and C. Pricel), Pergamon Press, 1989.
96. D.A. Skoog and J.J. Leary, *Principles of Instrumental Analysis*, 4th Edn., Sanders College Publisher, USA, 1992.
97. R.B. Seymour and C.E. Carraher, Jr., *Polymer Chemistry : an introduction*, Marcel Dekker, Inc., USA, 1981.
98. *Discover* and *Insight*, version 3.0.0, using the Polymer Consortium Force Field, Molecular Simulations Inc., San Diego, USA.
99. H.G. Elias, *Macromolecules*, Vol. 1, Plenum Press, New York, 1977.
100. W.R. Sorenson and T.W. Campbell, *Preparative Methods of Polymer Chemistry*, Wiley-Interscience, 1968.
101. N.C. Billingham, *Molar Mass Measurements in Polymer Science*, John Wiley, Sons, Inc., New York, 1977.
102. J.F. Rabek, *Experimental Methods in Polymer Chemistry*, A Wiley-Interscience publication, Chichester, 1980.
103. H.R. Allcock and F.W. Lampe, *Contemporary Polymer Chemistry,* Prentice-Hall, Inc., USA, 1981.
104. Z. Grubisic, P. Rempp and H. Benoit, *Polymer Lett.*, 1967, **5**, 753, .
105. M. Kolinsky and J. Janca, *J. Polym. Sci., Polym. Chem. Ed.*, 1974, **12**, 1181.
106. J.M.G. Cowie, *Polymers: Chemistry and Physics of Modern Materials,* Intext Educational, 1973.
107. H.J. Cantow et al., eds., *Advances in Polymer Science*, 1979.
108. M.L. Huggins, *J. Amer. Chem. Soc.*, 1942, **64**, 2716.
109. E.O. Kreamer, *Ind. Eng. Chem.*, 1938, **30**, 1200.
110. H. Mark, *Z. Electrochem.*, 1934, **40**, 499.
111. P.E. Slade, Jr., *Polymer Molecular Weights,* Part II, Marcel Dekker. Inc., New York, 1975.
112. G.C. Berry and T. G. Fox, *Adv. Polym. Sci.*, 1968, **5**, 261.
113. R.B. Kilb, *J. Polym. Sci.,* 1959, **38**, 403.

114. F. Bueche, *Physical Properties of Polymers*, Interscience, New York, 1962.

115. M.L. Williams, *J. Phys. Chem.*, 1955, **59**, 95.

116. M.L. Williams, R.F. Landel and J.D. Ferry, *J. Am. Chem. Soc.*, 1955, **77**, 3701.

117. T.G. Fox, S. Gratch and G. Loshaek, *Rheology: Theory and Applications*, F.R. Eirish, ed., Chap. 12, Academic Press, New York, 1956.

118. E.A. Collins, J. Bares and F.W. Billmeyer, Jr., *Experiments in Polymer Science*, Wiley-Interscience, USA, 1973.

119. H.F. Mark, N.M. Bikales, C.G. Overberger, G. Mengen and J.I. Kroschwitz, eds., *Encyclopedia of Polymer Science and Engineering*, 2nd Edn., Vol. 4, Wiley, New York, 1988.

120. A. Schindler, Y. M. Hibionada and C.G. Pitt, *J. Polym. Sci., Polym. Chem. Ed.*, 1982, **20**, 319.

121. C. Sawadeemit, M.S. Thesis, Chiang Mai, University, Chiang Mai, Thailand, 1993.

122. D. Cohn, H. Younes and G. Marom, *Polymer*, 1987, **28**, 2018.

123. P. Haritanont, M.S. Thesis, Chiang Mai, University, Chiang Mai, Thailand, 1994.

124. A. Schindler, R. Jeffcoat, G. L. Kimmel, C. G. Pitt, M. E. Wall and R. Zweidinger, *Contemp. Top. Polym. Sci.*, 1977, **2**, 251-289.

125. K. Chujo, H. Kobayachi, J. Suzuki and S. Tokuhara, *Makromol. Chem.*, 1967, **100**, 267.

126. P.De Santis and A.J. Kovacs, *Biopolymers,* 1968, **6**, 299.

127. M. B. Bassi, A. B. Padias and H. K. Hall Jr., *Polym. Bull.*, 1990, **24**, 227.

128. H.F. Mark, N.M. Bikales, C.G. Overberger, G. Mengen and J.I. Kroschwitz, eds., *Encyclopedia of Polymer Science and Engineering*, 2nd Edn., Vol. 14, Wiley, New York, 1988.

129. J.D. Cox and G. Pilcher, *Thermochemistry of Organic and Organometallic compounds*, Academic Press, London, 1970.

130. A.S. Pell, G. Pilcher, *Trans. Faraday Soc.*, 1965, **61**, 71.

131. M. Luisa, P. Leitao, G. Pilcher, Y. M. Yan, J.M. Brown and A.D. Conn, *J. Chem. Thermodynamics*, 1990, **22**, 886.

132. G.C. Eastmond et al., eds., in *Comprehensive Polymer Science*, Vol. 3, Pergamon Press, 1989.

133. B.V. Lebedev, A.A. Yevstropov, Ye.G. Kiparisova and V.I. Belov, *Polym. Sci. USSR*, 1978, **20**, 32.

134. H.F. Mark, N.M. Bikales, C.G. Overberger, G. Mengen and J.I. Kroschwitz, eds., *Encyclopedia of Polymer Science and Engineering*, 2nd Edn., Vol. 12, Wiley, New York, 1988.

135. A. Duda, T. Biela, J. Libiszowski, S. Penczek, P. Dubois, D. Mecerreyes and R. Jerome, *Polymer Degradation and Stability*, 1998, **59**, 215-222.

136. J. Xu, SP. MaCarthy, R.A. Gross, *Macromolecules*, 1996, **29**, 4565-4571.

137. N.R. Mayne, *Chemtech.*, 1972, 728.

138. V. Stannett and M.S. Szwarc, *J. Polym. Sci.*, 1953, **10**, 537.

139. Y. Yamashita, Y. Ishikawa, T. Tsuda and S. Muira, *Koggo Kagaka Zasski*, 1963, **66**, 104, 110.

140. D.E. Agostini, J.B. Lando and J.R. Shelton, *J. Polym. Sci., A1*, 1971, **9**, 2775.

141. H.R. Kricheldorf, R. Dunsing and A. Serra, *Macromolecules*, 1987, **20**, 2050.

142. F.W. van der Weij, *Makromol. Chem.*, 1980, **181**, 2541-2548.

143. A.C. Albertsson and M. Eklund, *J. Polym. Sci., Polym. Chem. Ed.*, 1994, **32**, 265-279.

144. W. Saiyasombat, R. Molloy, T.M. Nicholson, A.F. Johnson, I.M. Ward and S. Poshyachinda, *Polymer*, 1998, **39**, 23, 5581-5585.

145. K. Hiltunen, J.V. Seppala and M. Harkonen, *Macromolecules*, 1997, **30**, 373-379.