

REFERENCES

6. REFERENCES

1. G. Odian, 'Principles of Polymerization', 3rd Edition, John Wiley and Sons, New York (1991).
2. R. J. Young and P.A. Lovell, 'Introduction to Polymers', 2nd Edition, Chapman & Hall, London (1991).
3. J. March, 'Advanced Organic Chemistry', 4th Edition, John Wiley and Sones, New York (1992).
4. R. Lenz, 'Organic Chemistry of Synthetic High Polymers', John Wiley and Sons, New York (1967).
5. J. Cowie, 'Polymers: Chemistry & Physics of Modern Materials', 2nd Edition, Blackie A & P, Glasgow (1991).
6. H. Staudinger, Chem. Ber., 53, 1073 (1920).
7. H. Allcock and F. Lampe, 'Contemporary Polymer Chemistry', 1st Edition, Prentice-Hall, New Jersey (1981).
8. F.W. Billmeyer, 'Textbook of Polymer Science', 3rd Edition, Wiley-Interscience, New York (1984).
9. F.R. Mayo and F.M. Lewis, J. Am. Chem. Soc., 66, 1594 (1944).
10. M. Fineman and S.D. Ross, J. Polymer Sci., 5, 259 (1950).
11. P.A. Tiduell and G.A. Mortimer, J. Macromol. Sci. Rev. Macromol. Chem. C₄, 281 (1970).
12. P.W. Tidwell and G.A. Mortimer, J. Polymer Sci., Part A3, 369 (1965).
13. T. Kelen and F. Tudos, J. Macromol Sci., Chem., 9, 1. (1975).
14. T. Kelen, F. Tudos and B. Turcsanyi, Poly. Bull.2, 71 (1980).
15. P.W. Tidwell and G.A. Mortimer, J. Polymer Sci., Part A₁, 3, 369 (1965).
16. R. M. Joshi and S. L. Kapur, J. Polymer Sci., 14, 508 (1954).

17. A. L. Yezrielev, El-Brokhina and Y. S. Roskin, Vysokomol. Soedin, Acta Helv. J. Chemical Abstr. 88, 79823 (1969).
18. J. M. G. Cowie (editor), 'Alternating, plenum press, New York, (1985).
19. J. Furukawa, J. Polym. Sci., Symp., 51, 105 (1975).
20. H. Hirai, J. Polym. Sci., Macromol. Rev., 11, 47 (1976).
21. K. Plochoka, J. Macromol. Sci., Rev. Macromol. Chem. C20, 67 (1981).
22. H. J. Harwood, Macromol. Chem., Macromol. Symp., 10/11, 331 (1987).
23. T. Alfrey, Jr. and C. price, J. Polymer Sci., A1, 1137 (1963).
24. F. T. Wall., J. Amer. Chem. Soc., 62, 803 (1940).
25. T. Kelen and F. Tudos, J. Macromol. Sci. Chem., 9, 1 (1975).
26. H. B. Stoner, J. M. Barves and J. I. Duff, Brit. J. Pharmacol. 10, 16 (1955).
27. D.E. Gilbert, E.J. Dyckman and J. A. Mantemarano, Fluid-Solid Surf. Interact. Proc., Symp. 2nd, 169 (1974).
28. V. J. Castelli and W. L. Yeager, ACS Symp. Ser. 33, Centrolled Release Polymeric formulations, Symp. 239 (1976).
29. R. Yocum, E. Nyquist, 'Functional Monomers', 1 Marcel Dekker, Inc. (1973).
30. K. Yokota, and J. Oda, Chemical Abstr., 72, 122003 (1970).
31. T.A. Sokolova and G.M. Chetyrkina, Chemical Abstr., 55, 27957 (1961).
32. J. W. Vanderhoff, and R. M. Wiley, Acta Helv. J. Chemical Abstr., 66, 29348 (1967).
33. J. F. Bork, D. P. Wyman, and L. E. Coleman, J. Appl. Polymer. Sci., 7, 451 (1963).

-
34. F. Iwakura, F. Toda, and H. Suzuki, *J. Polymer Sci., Part A*, 5, 1599 (1967).
 35. G. A. Petrova, G. A. Shtralkman, and A. A. Vansheidt, *Chemical Abstr.*, 54, 86131 (1960).
 36. A. W. Sheldon, *J. Paint Technol.*, 47, 54 (1975).
 37. C. J. Evans and P. J. Smith, *J. Oil Col. Chem. Assoc.*, 58, 160 (1975).
 38. P. J. Smith and L. Smith, *Chemistry in Britain*, 11, 6 (1975).
 39. T. M. Andrews, F. A. Bower, B. R. Laliberte and J. C. Montermoso, *J. Amer. Chem. Soc.*, 80, 4102 (1958).
 40. E. F. Jason, and E. K. Fields, *U. S. Patent* 3, 262, 915 (1966).
 41. J. Leebrick, *French Patent* 1, 400, 617 (1965).
 42. T. Tahara, K. Seto, and S. Takahashi, *Polymer J.* 19, (3) 301 (1987).
 43. S. Takahashi, E. Murata, K. Sonogashira, and N. Hagihara, *J. Polym. Sci. Part A*, 18, 661 (1980).
 44. J. C. Montermoso, T. M. Andrews and L. P. Marinelli, *J. Polymer Sci.*, 32, 523 (1958).
 45. J. Leebrick, *U.S. Patent*, 3, 167, 532 (1965).
 46. H. Hua and M.A. Dube, *J. Polymer Sci. Part A Polymer Chemistry* 39, 1866 (2001).
 47. J. Belleney; G. Helary and V. Migonney. *European Polymer J.* 38, 439 (2002).
 48. D. Atherton, J. Verborgt, and M. A. M. Winkeler, *J. Coating Technol.*, 51, 88 (1979).
 49. D. Braun and H. Elsasser *Eur. Polymer J.* 37, 4779 (2001).

50. M. M. Koton, T. M. Kiseleva, and F. S. Florinskii, *J. Polymer Sci.*, 52, 237 (1961).
51. D.N.Sathganara and De-Priydari *J. of Polymer Sci. Part A Polymer Chemistry*, 40, 564 (2002).
52. S. R. Sandler, J. Dannin, and K. C. Tsou, *J. Polymer Sci.*, A3, 3199 (1965).
53. R. V. Subramanian, B. K. Garg and Jaime Corredor *Amer. Chem. Soc. Division of Organic Coatings and Plastics Chemistry*, 173rd Meeting 37(1), 77 (1977).
54. N. A. Ghanem, N. N. Messiha, N. E. Ikaldious, and A. F. Shaaban, *Eur. Polym. J.*, 15, 823 (1979).
55. N. A. Ghanem, N. N. Messiha, N. E. Ikaldious, and A. F. Shaaban, *Eur. Polym. J.*, 16, 339 (1980).
56. N. A. Ghanem, N. N. Messiha, N. E. Ikaldious, and A. F. Shaaban, *J. Appl. Polymer Sci.*, 26, 79 (1981).
57. J. R. Dharia, C. P. Pathak, G. N. Babu, and S. K. Gupta, *J. Polymer Sci., Part A*, 26, 595 (1988).
58. S. S. Al-Diab, H. Kyusuh, J. E. Mark and H. Zimmer, *J. Polymer Sci., Part A*, 28, 299, (1990).
59. B. S. Ready, R. Arshady and M. H. George, *Eur. Polym. J.*, 21, 511 (1985).
60. T. Endo, H. Kawamoto, T. Takata, *J. Macromol. Chem.*, 190, 1827 (1989).
61. O. Moriya, S. Arai, and T. Endo, *J. Polymer Sci., Part A*, 26, 2579 (1988).

-
62. A. F. Shaaban, M. M. Azab and N. N. Messiha, *J. Angewandte Makromolek. Chem.*, 169, 59 (1989).
63. M. M. Azab, *J. Appl. Polymer Sci.*, 51, 1937 (1994).
64. R. R. Joshi, and S. K. Gupta, *Eur. Polym. J.*, 26 (8), 911 (1990).
65. S. Y. Tawfik, N. N. Messiha, S. H. El-Hamouly, *J. Polymer Sci., Part A*, 31, 427 (1993).
66. S. H. El-Hamouly, S. A. Elkafrawy and N. N. Messiha, *Eur. Polymer J.*, 28, 11, 1405 (1992).
67. A.B. Samui, V. R. Hande, *J Deb PC of Coatings technology* 69 (867) 67 (1997).
68. K. Vallae-Rehal, B. Mariette, P.A. Hoarau, P. Guerin, V. Langlois, J.Y. Langlois, *J. of coatings technology*; 70 (880), 55 (1998).
69. R. Anandrao, K. Karni, S. Kumareshs, M. Tejraj Aminabhavi, *Pharm. Acta Helv. J. Chemical Abstr.* 74, 12913 (1999).
70. M. Inukoi, Y. Jin, C. Yomota, M. Yonese, *Chem. Pharm. Bull. J.* 48, 685 (2000).
71. A. A. Mahmoud, M. M. Azab and N. N. Messiha, *Eur. Polym. J.*, 29, 8, 1125 (1993).
72. P. Dunn and D. Oldfield, *J. Macromol. Sci. Chem.*, A4, 1157 (1970).
73. K. E. Bei *Progress in organic Coating*, 20, 339 (1992), V20. Jun. 30.
74. L. Rondney and M. Ship. *Eur. Polymer J.* 75, 904 (1995).
75. E. R. Keway, *Indian-Journal of Chemistry Section B, Organic Including Medicinal*, 36 (10), 986 (1997).
76. R. Solaro, D.S. Autone, E. Chiellini, A. Rehab, A. Akelah, R. Issa, M.I. Fishman (ed), R.B. Friedman (ed); S. J. Hung, *Polymers from*
-

- Agricultural coproducts, 112-125; ACS Symposium series No. 575; 20 ref. (1994).
77. A. Akelah, A. A. Selim, *J. of polymeric Materials*; 4 (2), 117-122 (1987).
78. J. D. Smith, H.C. Harrison, *Communications in soil science and Plant Analysis.*, 22, 559-573 (1991).
79. R. Issa, A. A. Alkalah, R. Solaro, E. Chiellini, *J. of Controlled Release*; B 2 (1), 18 (1990).
80. A.A. Rehab, R. Issa, R. Soloro, E. Chiellini, *J of Controlled Release*, 17(1), 113-122, 20 ref., (1991).
81. M. Fish, R. Bacologlu, Biesi ada-Keith, Brecker Lawrence R Special Areas Annual Technical conference ANTEC, Conference proceedings V3, SOC plast., Brookfield, CT., USE P. 3291-3295 (1998).
82. K. Vallee Rehel, V. Langlois, Gurin-philippe *J. of Environmental Polymer Degradation*, 6(4), 175 (1998).
83. D. B. Smith James, *Proceedings of the Electrical Electronics Insulation conference*, Piscatoway, N. J. USA, 47 CH 36075. P. 239-24, (1997).
84. A. F. Shaaban, M. M. H Arief, A. A. Mohmoud and N. N. Messiha, *J. Appl. Polymer Sci.* 33, 1735 (1987).
85. A. F. Shaaban, A. A. Mahmoud and N. N. Messiha, *J. Appl. Polymer Sci.* 1191 (1988).
86. G. E. Ham and E. J. Ringwald, *J. Polymer Sci.*, 8, 91 (1952).
87. G. Smets and A. Hetoghe, *Macromol, Chem.*, 17, 189 (1956).
88. G. H. Burnett and W. W. Right, *Trans. Farady Soc.*, 49, 1108 (1953).

-
89. A. L. Dalton and T. T. Tidwell, *J. Polymer Sci., Polymer Chem. Ed.*, 12, 2957 (1974).
 90. J. S. Rohan E. L. Madruga and Pargada, *J. Polymer Sci.*, 25, 203 (1987).
 91. Z. M. Rzaev and Kochkin, *Dokl. AK ad. Nauk, SSSR* (English transl.), Consultants Bureau., 172, 103 January (1967).
 92. J. A. Motemarano and E. J. Dyckman *J. Paint Technol.*, 47, 59 (1975).
 93. K. P. Z. Abotin and L. V. Malysheva, *Tr. Khin-Khin. Tekhnol., Acta Helv. J. Chemical Abstr.* 47, 82142 (1973).
 94. N. A. Ghamem, N. N. Messiha, N. E. Ikladious and A. F. Shaaban, *Eur. Polymer J.*, 15, 823 (1979).
 95. N. A. Ghanem, N. N. Messiha, N. E. Ikadiious and A. F. Shaaban, *J. Appl. Polymer*, 22, 807 (1981).
 96. N. N. Messiha, *Polymer*, 22, 807 (1981).
 97. N. E. Ikladiious and A. F. Shaaban, *Polymer* 24, 1635 (1983).
 98. N. E. Ikladeous, N. N. Messiha and A. F. Shaaban, *J. Appl. Polymer Sci.*, 29, 509-514 (1984).
 99. N. E. Ikladiious, N. N. Messiha and A. F. Shaaban, *Eur. Polymer J.*, 20, 625 (1984).
 100. A. F. Shaaban, A. A. Khalil and N. N. Messiha, *Acta Polymerica* 40, 445 (1989).
 101. A. F. Shaaban, A. A. Khalil and N. N. Messiha., *Acta Polymerica* 40, 445 (1989).
 102. P. Ferruti and G. Cottico, *J. Polymer Sci.*, 12, 2453-55 (1974).

103. P. Ferruti, A. Fere and G. Cottica, *J. Polymer Sci.*, 12, 553-559 (1974).
104. H. Gilman and R. Rosenberg., *J. Amer. Chem. Soc.*, 75, 3592 (1953).
105. T. Kelen and F. Tudos, *J. Macromol Sci, Chem.*, 9, 1, (1975).
106. 'Erichsen Catalog for paint instruments' 26 (1959).
107. A. Gardner and G. Sward, 'Physical and Chemical Examinations of paints, Varnishes, Lacquers and Colours' 12th Edition, Gardner Laboratory, INC. Bethesda 14, Maryland, U.S.A., 147 (1962).
108. *Ibid.*, 450 (1962).
109. A. Michal, T. Ziegler, *J. Amer. Chem. Sci.*, 123, 49 (2001).
110. 'Indian standard specification' IS: 158 (1950).
111. *Ibid.*, 159 (1950).
112. A. Gardner and G. Sward, 'Physical and Chemical Examinations of paints, varnishes, Lacquers and Colours', 12th Edition, Gardner laboratory, INC, Bethesda 14, Maryland, U.S.A., 160 (1962).
113. H. Sellmer, C. Faber, S. D. Rheimer, *Chem. Eur. J.* 6, 20, (2000).
114. Juliano P. O. and Harrison, W. W., *Anal. Chem.*, 42, 84 (1970).
115. E. Charvalos, M. Tzatzarakis, A. Tsatsakis, G. Petrikkos, *Appl. Microbiology and Biotechnology*, 57, 770-775 (2001).