

REFERENCES

1. K.L. Fitch and P.B. Johnson, "Human Life Science", Holt, Rinehart and Winston, Inc., 1977.
2. G.B. Park, *Biomater. Med. Dev. Artif. Organs*, **6**, 1 (1978).
3. J.I. Kroschwitz, ed., "Polymers: Biomaterials and Medical Applications", pp. 228–252, Encyclopedia Reprint Series, John Wiley & Sons, Inc., New York, 1989.
4. S. Dumitriu, ed., "Polymeric Biomaterials", Chap. 9, Marcel Dekker, Inc., New York, 1994.
5. D.F. Williams, ed., "Biocompatibility of Clinical Implant Materials", Vol. 2, CRC Press, Inc., Florida, 1981.
6. O. Wichterle and D. Lim, *Nature*, **185**, 117 (1960).
7. J.D. Andrade, ed., "Hydrogels for Medical and Related Applications", ACS Symposium Series No. 31, American Chemical Society, Washington D.C., 1976.
8. C.A. Finch, ed., "Chemistry and Technology of Water-Soluble Polymers", Plenum Press, New York, 1983.
9. G. Allen and J.C. Bevington, eds., "Comprehensive Polymer Science", Vol. 7 : Specialty Polymers & Polymer Processing (Vol. ed. : S.L. Aggarwal), Pergamon Press, 1989.
10. B.D. Ratner and I.F. Miller, *J. Polym. Sci.*, **10**, 2425 (1972).
11. P.J. Flory, "Principles of Polymer Chemistry", Cornell University Press, New York, 1953.
12. M.L. Davies and B.J. Tighe, *Selective Electrode Rev.*, **13**, 159 (1991).
13. P. Predecki, *J. Biomed. Mater. Res.*, **8**, 487 (1974).
14. G.C. Berry and M. Dror, *Am. Chem. Soc. Organ. Coating Plast. Chem. Prepr.*, **38**, 465 (1978).

15. A. Rembaum, S.P.S. Yen, E. Cheong, S. Wallace, R.S. Molday, I.L. Gordon and W.J. Dreyer, *Macromolecules*, **9**, 328 (1976).
16. B.D. Ratner, P.K. Weathersby, A.S. Hoffman, M.A. Kelly and L.H. Scharpen, *J. Appl. Polym. Sci.*, **22**, 643 (1978).
17. J.D. Andrade, R.N. King, D.E. Gregonis and D.L. Coleman, *J. Polym. Sci., Polym. Symp.*, **66**, 313 (1979).
18. M.J. Kerker, ed., "Colloid and Interface Science", Vol. 3, Academic Press, New York, 1976.
19. A. Silverberg, *Ann. N.Y. Acad. Sci.*, **275**, 2 (1976).
20. P. Spacek and M. Kubin, *J. Polym. Sci.*, **16**, 705 (1967).
21. M.F. Refugo, *J. Appl. Polym. Sci.*, **9**, 3417 (1964).
22. H. Kasuda, C. Lamaze and L. Ikenberry, *Makromol. Chem.*, **118**, 19 (1968).
23. J.H. Bradbury and J.D. Lederer, *J. Appl. Polym. Sci.*, **7**, 533 (1963).
24. P.H. Corkhill, C.J. Hamilton and B.J. Tighe, *Biomaterials*, **10**, 3 (1989).
25. P.H. Corkhill, C.J. Hamilton and B.J. Tighe, *Critical Reviews in Biocompatibility*, **5(4)**, 411 (1990).
26. B.A. Pruitt Jr., N.S. Levine, *Arch. Surg.*, **119**, 312 (1984).
27. W.M. Chardack, D.A. Brueske, A.P. Santomauro and G. Fazekas, *Ann. Surg.*, **155**, 127 (1962).
28. J.H. James and A.C.H. Watson, *Br. J. Plastic Surg.*, **28**, 107 (1975).
29. I.R. Schmolka, *J. Biomed. Mater. Res.*, **6**, 571 (1972).
30. G.M. Meaburn, J.L. Hosszu and C.M. Cole, *Int. J. Appl. Rad. Isotopes*, **29**, 233 (1978).
31. S.J. Gourlay, R.M. Rice, A.F. Heggeli, J.C. Eaton Jr., J.W. Hodge Jr., and C.W.R. Wade, *Trans. Am. Soc. Artif. Intern. Organs*, **21**, 28 (1975).
32. P. Nathan, E.J. Law, B.G. MacMillan, D.F. Murphy, S.H. Ronel, M.J.D. Andrea and R.A. Abrahams, *Trans. Am. Soc. Artif. Intern. Organs*, **22**, 30 (1976).

33. F. Scholl, "Atlas of Polymer and Plastics Analysis", Vol. 3, Verlag Chemie GmbH, 1981.
34. R.M. Silverstein and G.C. Bassler, "Spectrometric Identification of Organic Compounds", 2nd Edn., page 99, John Wiley & Sons, Inc., New York, 1967.
35. Fluka Catalogue 1995/96, Fluka Chemie AG, CH-9471 Buchs, Switzerland.
36. D.O. Hummel, "Atlas of Polymer and Plastics Analysis", Vol. 2, Verlag Chemie GmbH, 1984.
37. J.A. Dean, ed., "Lange's Handbook of Chemistry", 12th Edn., McGraw-Hill, Inc., New York, 1979.
38. C.J. Pouchert, ed., "The Aldrich Library of Infrared Spectra", 2nd Edn., Aldrich Chemical Company, Inc., Wisconsin, 1975.
39. W.R. Sorenson and T.W. Campbell, "Preparative Methods of Polymer Chemistry", 2nd Edn., John Wiley & Sons, Inc., New York, 1968.
40. CHNS/O Elemental Analyzer Model PE 2400 Series II, Instrument Manual, Perkin-Elmer Corp., Norwalk, Conn., USA.
41. W.W. Wendlandt, "Thermal Methods of Analysis", 2nd Edn., Jonh Wiley & Sons, Inc., New York, 1974.
42. P.J. Elving, ed., "Nomenclature in Thermal Analysis", Part 1, Vol. 12, John Wiley & Sons, Inc., New York, 1983.
43. P.H. Corkhill, A.M. Jolly, C.O. Ng and B.J. Tighe, *Polymer*, **28**, 1758 (1987).
44. P.H. Corkhill and B.J. Tighe, *Polymer*, **31**, 1526 (1990).
45. ASTM Method E96-90, Standard Test Method for Water Vapour Transmission of Materials, 1990.
46. D. Queen, J.D.S. Gaylor, J.H. Evans, J.M. Courtney and W.H. Reid, *Biomaterials*, **8**, 367 (1987).
47. A. Nangia, R. Gambhir and H. Maibach, *Clinical Materials*, **7**, 31 (1991).
48. L.O. Lamke, G.E. Nilsson and H.L. Reithner, *Burns*, **3**(3), 159 (1977).
49. C.B. Wenger, *J. Appl. Physiol.*, **36**, 456 (1972).

50. D. Queen, J.H. Evans, J.D.S. Gaylor, J.M. Courtney and W.H. Reid, *Burns*, **12**, 351 (1986).
51. B. Kickhöfen, H. Wokalek, D. Scheel and H. Ruh, *Biomaterials*, **7**, 67 (1986).
52. D. Braun, H. Cherdron and W. Kern, "Techniques of Polymer Syntheses and Characterization", John Wiley & Sons, Inc., New York, 1972.
53. A. Barnes, P.H. Corkhill and B.J. Tighe, *Polymer*, **29**, 2191 (1988).
54. D.A. Baker, P.H. Corkhill, C.O. Ng, P.J. Skelly and B.J. Tighe, *Polymer*, **29**, 691 (1988).
55. S.M. Murphy, P.J. Skelly and B.J. Tighe, *J. Mater. Chem.*, **2**, 1007 (1992).
56. W.E. Roorda, J.A. Bouwstra, M.A. de Vries and H.E. Junginger, *Biomaterials*, **9**, 494 (1988).