

REFERENCES

1. H. Staudinger and W. Frost, Ber., B62, 275 (1936)
2. W. Chalmers, J. Am. Chem. Soc., 56, 912 (1934)
3. G.V. Schulz and E. Husemann, Z. Physik. Chem., B43, 385 (1939)
4. Dostal and H. Mark, ibid, B29, 299 (1935)
5. P.J. Flory, J. Am. Chem. Soc., 59, 241 (1937)
6. G. Gee, Trans. Farad. Soc., 31, 969 (1935)
7. H. Melville, Proc. Roy. Soc. London, A163, 511 (1937)
8. J.C. Bevington, H.W. Melville and R.P. Taylor, J. Polymer Sci., 12, 449 (1954)
9. (a) F.S. Dainton, J. Phys. and Colloid Sci., 52, 490 (1948)
(b) Idem, J. Chem. Soc., 1533 (1952)
10. R. Simha and L.A. Wall, J. Research, NBS. 41, 521 (1948)
11. C.S. Marvel et al, Ind. Eng. Chem., 40, 2371 (1948)
12. C.E.H. Bawn, A. Ledwith. and P. Mathies, J. Polymer Sci., 34, 93 (1959)
13. M.I. Bro and C.A. Sperati, ibid, 22, 289 (1959)
14. J.C. Bevington and C.S. Brooks, ibid, 22, 257 (1956)
15. W.V. Smith, J. Am. Chem. Soc., 71, 4077 (1949)
16. K.L. Berry and J.H. Peterson, ibid, 73, 5795 (1951)
17. F.H. Firsching and I. Rosen, J. Polymer Sci., 36, 305 (1959)
18. F.R. Mayo, J. Am. Chem. Soc., 70, 3689 (1948)
19. C.H. Bamford and N.J.S. Dewar, Proc. Roy. Soc., (London), A192, 329 (1948)

20. L.E. St. Pierre and C.C. Price, J. Am. Chem. Soc., 78, 3492 (1958)
21. I. Rosenthal, J.G. Frisone and J.K. Coberg, Anal. Chem., 32, 1713 (1960)
22. (a) M.G. Evans and N. Uri, Nature, 164, 404 (1949)
(b) Idem, J. Chem. Dyers and Colorists, 65, 709 (1949)
23. G. Mino, S. Kaizerman and E. Rasmussen, J. Polymer Sci., 38, 393 (1959)
24. (a) S.R. Palit, Macromol. Chem., 36, 89 (1959)
(b) Idem, ibid., 38, 96 (1960)
25. S.R. Palit, Chem. and Ind., 1531 (1960)
26. M.E. Auerbach, Ind. Eng. Chem. Anal. Ed., 15, 492 (1943)
27. E.L. Colichman, Anal. Chem., 19, 430 (1947)
28. S.R. Epton, Trans. Farad. Soc., 44, 226 (1948)
29. N.W. Tschoegl, Revs. Pure & Appl. Chem., (Australia), 4, 171 (1954)
30. P. Mukherjee and K.J. Mysels, J. Am. Chem. Soc., 77, 2937 (1955)
31. P. Mukherjee, Anal. Chem., 28, 872 (1956)
32. P. Ghosh, S.C. Chadha, A.R. Mukherjee and S.R. Palit, J. Polymer. Sci., A2, 4433 (1964)
33. M.K. Saha, P. Ghosh and S.R. Palit, ibid., A2, 1365 (1964)
34. S.R. Palit, Anal. Chem., 33, 1441 (1961)
35. S.R. Palit and P. Ghosh, J. Polymer Sci., 58, 1225 (1962)
36. (a) K. Nozaki and P.D. Bartlett, J. Am. Chem. Soc., 68, 1686 (1946)
(b) Idem, ibid., 69, 2299 (1947)
37. C.C. Swain, W.H. Stockmayer and J.T. Clarke, J. Am. Chem. Soc., 72, 5426 (1950)

38. C.E.H. Bawn and S.F. Mellish, Trans. Farad. Soc., 47, 1216 (1951)
39. S. Kamenskaya and S. Madvedev, Acta Physicochim., 13, 565(1940)
40. G.V. Schulz and E. Husemann, Z. Physik.Chem., B39, 246 (1938)
41. C.C. Price, R.W. Kell and E. Kerbs, J. Am. Chem. Soc., 64, 1103(1942)
42. C.C. Price and B.E. Tate, *ibid*, 65, 517(~~1943~~)
43. P.D. Bartlett and S.G. Cohen, *ibid*, 65, 543 (1943)
44. J.K. Allen and J.C. Bevington, Trans. Farad. Soc., 56, 1762(1960)-
45. J.C. Bevington, H.W. Melville and R.P. Taylor, J. Polymer Sci., 14, 463 (1954)
46. A.F. Bickel and W.A. Waters, Rec. Trav. Chim. Phys. Bas., 69, 312, 1490 (1950)
47. B. Baysal and A.B. Tobolsky, J. Polymer Sci., 8, 529 (1952)
48. L.M. Arnett and J.A. Peterson, J. Am. Chem. Soc., 74, 2031 (1952)
49. C.H. Bamford and A.D. Jenkins, Nature, 176, 78 (1955)
50. C.H. Bamford and B.F.T. White, Trans. Farad. Soc., 54, 268 (1958)
51. E.R. Entwistle, *ibid*, 56, 284(1960)
52. M.K. Saha, Ind. J. Chem., 2, 289 (1964)
53. J.H. Baxendale, M.G. Evans and G.S. Park, Trans. Farad. Soc., 42, 155(1946)
54. J.H. Baxendale, S. Bywater and M.G. Evans, J. Polymer Sci., 1, 237 (1946)

55. J.H. Baxendale, M.G. Evans and J.K. Kilham, J. Polymer Sci., 42, 668 (1946)
56. M.G. Evans, J. Chem. Soc., 266 (1947)
57. P. Ghosh, A.R. Mukherjee and S.R. Palit, J. Polymer Sci., A2, 2807 (1964)
58. (a) R.G.R. Bacon, Trans. Farad. Soc., 42, 140 (1946)
(b) Idem, Quart. Rev., 9, 287 (1955)
59. L.B. Morgan, Trans. Farad. Soc., 42, 169 (1946)
60. P.D. Bartlett and K. Nozaki, J. Polymer Sci., 3, 216 (1948)
61. R.J. Orr and H.L. Willims, J. Am. Chem. Soc., 77, 3715 (1955)
62. I.M. Kolthoff, P.R. O'Connor, and J.L. Hansen, J. Polymer Sci., 15, 459 (1955)
63. G.S. Whitby et al., J. Polymer Sci., 16, 549 (1955)
64. P. Ghosh, S.C. Chadha and S.R. Palit, ibid; A2, 4441 (1964)
65. B.D. Sully, J. Chem. Soc., 1498 (1950)
66. F.H. Firsching and I. Rosen, J. Polymer Sci., 36, 305 (1959)
67. Y. Tsuda, J. Appl. Polymer Sci., 5, 104 (1961)
68. M.G. Evans and N. Uri, (a) Nature, 164, 404 (1949)
(b) J. Polymer Sci., 7, 243 (1951)
69. R.B. White and W.H. Melville, J. Soc., Dyer's Colorists, 65, 703 (1949)
70. C.H. Bamford and M.J.S. Dewar, (a) Nature, 163, 214 (1949)
(b) Proc. Roy. Soc. (London), A198, 252 (1949)
71. E. Robinowitch, Rev. Mod. Phys., 14, 112 (1942)
72. M.K. Saha, A.R. Mukherjee, P. Ghosh and S.R. Palit, J. Polymer Sci., (Under publication)

73. P. Davies, M.G. Evans and W.E. Higginson, J. Chem. Soc., 2563 (1951)
74. M.G. Evans, J.H. Baxendale and D.J. Cowling, Disc. Farad. Soc., 2, 206 (1947)
75. Mitto Bosaki Co., Moriam, Kobunski Kapakii, 14, 49 (1957)
76. T. Yamauchi and T. Ozeki, J. Chem. Soc. (Japan), 57, 645 (1954)
77. C.C. Menon and S.L. Kapur, Current Sci., 27, 245 (1958)
78. Idem, J. Polymer Sci., 54, 45 (1961)
79. R.A. Gragg and F.R. Mayo, J. Am. Chem. Soc., 70, 2373 (1962)
80. S.R. Palit, B.N. Mukherjee and R.S. Konar, J. Polymer Sci., 50, 45 (1962)
81. S.R. Palit and M.K. Saha, ibid, 58, 1233 (1962)
82. C.C. Price and D.A. Durham, J. Am. Chem. Soc., 65, 757 (1943)
83. J.W. Breitenbach and H. Schneider, Ber., 76, 1090 (1943)
84. C.C. Price, J. Am. Chem. Soc., 65, 2380 (1943)
85. G.V. Schulz and H. Kaemmerer, Chem. Ber., 80, 327 (1947)
86. W. Kern, M.A. Achon and R. Schulz, Makromol. Chem., 15, 161 (1955)
87. (a) W. Kern and H. Kaemmerer, Makromol. Chem., 2, 127 (1948)
(b) Idem, J. Pract. Chem., 161, 81 (1942)
88. C.C. Price and D.A. Durham, J. Am. Chem. Soc., 64, 2508 (1948)
89. A.T. Blomquist, J.R. Johnson and J.H. Skyes, ibid, 65, 2446 (1943)
90. M.K. Saha, M. Sen and D. Pramanick, J. Polymer Sci. (Under publication)

91. A.R. Mukherjee,
P. Ghosh, S.C. Chadha
and S.R. Palit, Makromol. Chem. (Under
publication)
92. S.L. Kapur and
C.C. Menon, J. Polymer Sci., 54, 45 (1961)
93. B.G. Mitra, P. Ghosh
and S.R. Palit, Ind. J. Appl. Chem.
(Under publication)
94. P. Ghosh, A.R. Mukherjee
and S.R. Palit, J. Polymer Sci., 42, 2817 (1964)
95. S.R. Palit and
S.K. Das, Proc. Roy. Soc., 226A, 82 (1954)
96. I.F. Fieser, J. Am. Chem. Soc., 46, 2639
(1924)
97. S.R. Palit and
A.R. Mukherjee, J. Polymer Sci., 58, 1243 (1962)
98. J.H. Baxendale,
S. Bywater and
M.G. Evans, *ibid*, 1, 237 (1946)
99. D.H. Johnson and
A.V. Tobolsky, J. Am. Chem. Soc., 74, 938
(1952)
100. S. Maiti and
M.K. Saha, Sci. and Culture, 32, 249
(1966)
101. S. Maiti and
M.K. Saha, J. Polymer Sci.,
Communicated.
102. S.R. Palit and
R.S. Konar, *ibid*, 57, 609 (1962)
103. S.R. Palit and
R.S. Konar, *ibid*, 58, 85 (1962)
104. J. Weiss, Discussions Farad. Soc.,
2, 188 (1947)
105. Y. Yoshino, A. Ouchi,
Y. Tsunoda and
M. Kojima, Canad. J. Chem., 40(4), 775
(1962)
106. H.F. Launer and
D.M. Yost, J. Am. Chem. Soc., 56, 2571
(1934)
107. J.H. Ladbury and
C.F. Cullis, Chem. Revs., 53, 403 (1954)

108. B.C. Mitra, D.Phil Thesis, Calcutta University (1965).
109. (a) R.G.R. Bacon, Quart. Revs., 9, 287 (1955)
(b) Idem, Trans. Farad. Soc., 42, 140, (1946)
110. F. Davis, M.G. Evans, W.C.E. Higginson, J. Chem. Soc., 2563 (1951)
111. Kern, F.I.A.T. Reviews of German Science 175 (1936-46)
112. A. Bonvicini and C. Caldo, La Chimica E. L'Industria (Italy), 45, 444 (1963)
113. T. Sugimura, N. Yasumoto and Y. Minoura, J. Polymer Sci., A3, 2935 (1965)
114. G. Delzenne, W. Dewinter, S. Toppet and G. Smets, J. Polymer Sci., A2, 1069 (1964)
115. S. Maiti and M.K. Saha, Sci. and Culture, 32, 249. (1966)
116. Idem, J. Polymer Sci., Communicated
117. Storch, Momatsh, 11, 452 (1890)
118. B.M. Mondal, U.S. Nandi and S.R. Palit, J. Polymer Sci., (under publication)
119. J. Cerny and O. Witchterle, J. Polymer Sci., 30, 501 (1958)
120. C.S. Marvel and R.S. Johnson, J. Org. Chem., 13, 822 (1948)
121. H. Brederick, A. Wagner, E.H. Beck, H. Berlinger and K.G. Kottenhahn, Angew Chem., 70, 268 (1958)
122. P. Allen and L. Reich, J. Phys. Chem., 64, 1928 (1962)
123. J.L. Kice and K.W. Bowers, J. Amer. Chem. Soc., 84, 605 (1962)
124. O. Hagger, Helv. Chim. Acta., 31, 1624 (1948)
125. G.M. Brauer and F.R. Burns, J. Polymer Sci., 19, 311 (1956)

126. E. de B. Bernett, J. Chem. Soc., 97, 63 (1910)
127. J. Boeseken, Rec. Trav. Chim., 55, 1044 (1936);
Proc. Acad. Sci., (Amsterdam),
39, 717 (1936)
128. F.R. Mayo, R.A. Gregg and M.S. Matheson, J. Amer. Chem. Soc.,
73, 1691 (1951)
129. B. Baysal and A.V. Tobolsky, J. Polymer Sci., 8, 529 (1952)
130. L.M.J. Arnett, J. Amer. Chem. Soc.,
74, 2027 (1952)
131. J.C. Bevington, H.W. Melville and R.P. Taylor, J. Polymer Sci.,
12, 449 (1954)
132. Bamford and Jenkins, Nature, 176, 78 (1955)
133. J.C. Bevington, H.W. Melville and R.P. Taylor, J. Polymer Sci., 14, 463 (1954)
134. A.R. Mukherjee, P. Ghosh, S.C. Chadha and S.R. Palit, Makromol. Chem.,
80, 208 (1964)
