

References

REFERENCES

1. Jaing J.E.; TAPPI pulping Conf., Boston, 683 (1992).
2. Krassig H.A.; Polymer Monographs, 11, 167 (1993).
3. Fengel D. and Wegner G; "Wood Chemistry, Ultra-Structure, Reactions" Walter De Gruyter, Berlin, New York, 75, (1989).
4. Gram H.E.; "Durability of Natural Fibers in Concrete", Swedish Cement and Concrete Research Institute, Research Fo. 1:83, 225. (1983).
5. Methven J.M.; "Polymeric Materials from Renewable Resources". Rapra Review Report, 4 (7), (1991).
6. Goettler L.A.; "Effects of Matrix Characteristics in the Processing of Short Fiber Composites, in the Role of the Polymeric Matrix in the Processing and Structural Properties of Composite Materials", J.C. Seferis & L. Nicolais (Eds). Plenum Publishing Corporation, 289 (1983).
7. Fengel D. abd Wegner G., "Wood Chemistry, Ultra-Structure, Reactions" Walter De Gruyter, Berlin, New York, 144 (1989).
8. Tappi, T413 om- 1993.

References

9. Walker B.; "Organic Filler in Hand Book of Fillers and Reinforcements for Plastics", H.S. Katz and J.V. Milewski (Eds), Van Nostrand Reinhold Company. New York, 292 (1978).
10. Sefain M.Z., Fadi N.A. and Rakha M. J.; Appl. Chem. Technol. 29, 79 (1998).
11. Arumugam N., Selvy K. T., Rao K. V. and Rajalingam P.; "Coconut Fiber-Reinforced Rubber Composites" J. Appl. Polym., 37, 59, (1989).
12. Nassar M.M., Ashour B.A. and Washid S.S.; J. Appl. Polym. Sci., 61, 885 (1996).
13. Atchinson I.E. and Lengel D.E.; "Rapid Growth in the Use of Bagasse as a Raw Material for Reconstituted Panel Board". Proc. 19th Intl. Particleboard Symp. , Washington State Univ., Pullman, WA, 145 (1985).
14. Unido; "Review of Agricultural Residues Utilization for Production of Panels, Food and Agricultural Organization of the United Nations". United Nations Industrial Development Organization. FO/WCWBP/75, Document No. 127. New York, (1975).

References

15. Knowles L.; A better Alternative: Boise gold, Timberline Tribune, 1(6), (1992).
16. Loken S., Spurting W. and Price C.; “Guide to Resource Efficient Building Elements”, Center for Resourceful Building Technology, Missoula, MT, (1994).
17. Fadi N.A. and Rakha M.; “Effect of Defibration and Hardening on the Properties of Rice Straw Hardboard”, India pulp and paper, 2, 45 (1990).
18. Haygreen J.G. and Bowyer J.L.; “Forest Products and Wood Science”. (Iowa State University Press). (1989).
19. Sera E.E., Robles A.L. and Pama R.P.; “Natural Fibers as Reinforcement”. J. Ferrocem. 20, 109 (1990).
20. Mobarak F. and Nada A.M.; “Fiberboard from Exotic Raw Materials-2. Hardboard from Undebarked Cotton Stalks”, J. Appl. Chem. and Biotechn. 25, 659 (1975).
21. Chow P.; “Dry Formed Composite Board from Selected Agricultural Residues” .World Consultation on Wood-Based Panels. Food and Agriculture Organization of the United Nations, New Delhi, India. (1974).

References

22. Le Mahieu P.J., Oplinger E.S. and Putman D.H.; "Alternative Field Crops Manual Kenaf", Univ. of Wisconsin-Madison Ext. Publ, Madison, WI (1991).
23. Coutts B.; "Plant Fibers in Composites". Chem. Aust. Dec. 64, 14 (1997).
24. Karade S.R., Irle M. and Maher K.; "Physico-Chemical Aspects of the Use of Cork in Cementitious Composites". In: Proc.of the 5th International Conference on the Development of Wood Science, Wood Technology and Forestry. 5th September. Ljubljana (Slovenia). 97, (2001).
25. Vroom K.E.; Pulp pap. Mag. Can. 58, 228 (1957).
26. Wilder H.D. and Daleski, E.J.; Tappi J., 5, 293 (1965).
27. Carn O. B. and Hartler N.; Tappi J., 59:8, 48 (1976).
28. Hartler N.; Svensk papperstidn. 81:15, 483 (1978).
29. Teder A. and Olm L.; Paperi Puu., 63:4, 315 (1981).
30. Sayner N. and Laundrie J.F.; Tappi J., 10, 640 (1964).
31. Robert A., Trynad P. and Martine-Borret O.; U.S. Pat. 3, 384, 533 (1968).

References

32. Waters W.; "Mechanisms of oxidation of organic Compounds" Wiley, New York, P. 47 (1964).
33. Hewgill E.R. and Lee S.L.; J. Chem. Soc., Part XV., 1549 (1968).
34. Ljunggren S., Gellerstedt G. and Pefterson M.; Int. Symposon wood and pulping chemistry. Melbourne, pp. 229 (1991).
35. Lai. Y. and Funoka M.; Holzforschung 47, 333 (1993).
36. Lai Y., Funoka M. and Chen H.T.; Holzforschung 48, 355 (1994).
37. Gierer J.; Holzfurchung 36, 43 (1982).
38. Gierer J. and Imsgard F.; Svensk Papperstidn, 80, 510 (1977).
39. Lee C., Hunt K. and Murray R.W.; Tappi J., 76, 137 (1993).
40. Poppius K., Toikkanen L., Tuominen I. and Sundquist J.; Int. of Pulp conf., Stockholm Sweden, 3, 103 (1991).
41. Gellerstedt G.; "Workshop on Emerging Pulping and Chlorine-three-bleaching technology", Preprint, Raleigh, N.e., (1993).

References

42. Liebergott N., Van Lierop B. and Skothos A.; Tappi J., 75, 117 (1992).
43. Hunt K., Springer E. and McSweeny; Tappi J., 73, 175 (1990).
44. Ragauskas J.; Tappi J., 76, 87 (1993).
45. Vigo T.L., Wade R.H., Mitscham D. and Welch C.M.; Textile Res. J. 39, 305 (1969).
46. Hayashi J., Yamade T. and Kimura K.; Appl. Polymer Symp., 28, 713 (1976).
47. Blestkina V. N. and Arakin O. E.; Tsellyul Bum. Prom., 60, 45 (1972).
48. Akeliene I., Baraites J. and Zdanavicius; Bernataus J., 119 (1975).
49. Chizhav G. I., Khavanskii V. V., Nevolin V. F. and Bordrova V. M.; Tsellyul Bum. Prom. Stc. , 108 (1981).
50. Entin B. I., Davydova N. M. and Saveria N.F.; Bum. Prom. St., 18 (1976).
51. Nike R. and Hartmanr; Zellst pap., 25, 360 (1976).

References

52. Penque R. A., U.S.Patent 4, 620 (1977).
53. Sarybaeva R.I., Vasil'kova T.V. and Sultankulova A.S.; Akad. Nauk Kirg USSR, 1, 55 (1981).
54. Sarybaeva R.I., Vasil'kova T.V., Afanas'eva and Dernovaya L.I., Izu. Akad. Nauk Kirg , 2, 50 (1981).
55. Oswonkanova G.N. and Sorybaeva R.I.; Khim. Teknal. Boil. Nauk; 4, 25 (1990).
56. Chen A. and Ahmed A.; Proc. For. Prod. Symp. 41 (1992).
57. Arney J. S. and Chapdelaine A. H.; ACS Adv. Chem. Ser., 193, 189 (1981).
58. Anon; Papier Cellulose, 73, 35 (1980).
59. Achwal W. B. and Murall R.; J. Appl. Polym. Sci., 32, 3913 (1986).
60. Ding H.Z. and Wang Z.D.; Cellulose J. 15, 205 (2008).
61. Alikin V. P., Gracheva N. F., Kurylev Y. V. and Perekal'Skii N. P.; Tsellyulozon. Bumazhn Prom., 18, 7 (1965).

References

62. PerI'shlein E. Y.; Starenic Bum., Akad. Nauk, USSR, Lab. Knoerv. Restavratsii, Dok. 30 (1965).
63. Saad S. M., El-Anwar I. M. and Metwally N. E.; Holzforschung, 33, 125 (1979).
64. Casey J. P.; Pulp and Paper, Interscience Publishers. Inc., New York, 1778 (1981).
65. Hazai H. and Huzar J.; Periodica Polytechnica (Budapest), 30, 149 (1986).
66. Hazai H. and Huzar J.; Acta Chemica Hungarica. 124, 609 (1987).
67. Luner, P.; Tappi, 52, 796 (1969).
68. Lee S. B., Bogaaro J. and Feller R. L.; Symp. Cellulose Structure and its Characterization. New York, (1988).
69. Hattula T.; Paperi Ja Puu, 65, 475 (1983).
70. Hattula T.; Paperi Ja Puu, 68, 926 (1986).
71. Atalla R. H., Ellis J. D. and Schroeder L. R.; J. Wood Chem. Technol., 4, 465 (1984).

References

- 72. Schroeder L. R., Gentle V. M. and Atalla R. H.; J. Wood Chem. Technol., 6, 1 (1986).
- 73. Darrogh D. W.; Restaurator, 2, 179 (1978).
- 74. Paolo C., Andrea G. and Antonio L.M.; Cellulose J. 15, 193 (2008).
- 75. Roberson D.D.; Tappi 59, 63 (1976).
- 76. Koura A. and Krause Th.; Das Papier 31, 9 (1977).
- 77. Du Plooy A.B.; J. Appita 34, 289 (1981).
- 78. Colpe D.; Papiergesch. 18, 53 (1968).
- 79. Nelson G.C.; Paper 189, 595 (1978).
- 80. Smith R.D.; Special Lib. 63, 59 (1972).
- 81. Barrow W.J. and Sproull, R.C.; Science 129, 1075 (1959).
- 82. Millet M.A., Western L.J. and Booth J.; Tappi J. 50, 74 (1967).

References

83. Rui-jin L., Bin X., Li-jun Y., Chao T. and Hui-gang S.; Electrical Insulation, 2008. ISEI 2008. Conference Record of the 2008 IEEE International Symposium, Vancouver, BC, 291, 9-12 June (2008).
84. Browning B.L. and Wink W.A.; Tappi 51, 156 (1968).
85. Archeia N. K. and Palaio F.; Cellulose J. 14, 375 (2007).
86. Williams J.C., Fowler C.S., Lyon M.S. and Merril T.L.; Adv. in Chem. Ser. (ACS) no.164 (Preserv. of Paper and Textiles Symp.), San Francisco Aug. 37 (1977).
87. Smith R.D.; Library Quarterly 39, 153 (1969).
88. Debasish De and Debapriya De; Journal of Applied Polymer Science 109, 2008 (2008).
89. Harrow, W.J.; Research Lab., Inc. "Permanence/Durability of the Book VII-Physical and Chemical Properties of Book Papers 1507 Harrow Res. Lab. (Richmond Va. 23221) 48P (1974).
90. Nyuksha, J.P. ; Restaurator 3, 101 (1979).
91. Mehta D.P.; " Art and Science of Book Preservation" Smt. Maltidevi/Swaral Publications (Natl. Defence Acad., Khadakwasla, Pune 411023, India) 179 (1976).

References

92. Walker B. F.; Adv. in Chem. Ser. (ACS) no. 164 (Preserv. of Paper and Textiles Symp.), San Francisco Aug. 72 (1977).
93. Yatagai M. and Zeronian S. H.; Cellulose 1, 205 (2004).
94. Zou X., Uesaka T. and Gurnagul N.; Cellulose 3, 243 (2005).
95. Emsley A. M. and Stevens G. C.; Cellulose 1, 26 (2004).
96. Henry W. and Haslach J.r.; Mechanics of Time-Dependent Materials 4, 169 (2004).
97. Jalbert J., Lacasse R., El Khakani M.A. and Gilbert R.; Applied Physics Materials Science & Processing 81, 57 (2005).
98. Kato K. L. and Cameron R. E.; Cellulose 6, 23 (2004).
99. Luner P.; Wood Science and Technology 22, 81 (2004).
100. Ganicheva S. I., Bystrova E. S. and Lotsmanova E. M.; Russian Journal of Applied Chemistry 77, 1172 (2004).
101. Othmer K.; "Encyclopedia of chemical technology", 2nded. Vol.4 (1967).
102. TAPPI -T 494 os-1974

References

103. TAPPI -T404 os-1974
104. TAPPI -T403 os-1974
105. TAPPI -T525 su-1972
106. TAPPI -T425 om-1991
107. Jayme R. and Sarton P.; Naturwiss 28, 822 (1940).
108. TAPPI -T222 om-1988.
109. Samuelson O. and Wennerblom A.; Svensk Papperstidn., 68, 713 (1965).
110. Davidson G.F.; Shirky Inst. Mem., 21, 47 (1947); J. Textile Inst. 39, T. 65 (1946).
111. Sobue H. and Okubo M.; Tappi; 39, 415 (1956).
112. Sjostrom E. and Haglund P.; Svensk Papperstidn; 64, 458 (1961).
113. AchwalW.B., Nabar G.M., and Pudmanabhdm C.V.; J. Sci. Ind. Research (India) 17, 497 (1958).

References

- 114. Schulz G.V. and Blaschke F.; J. Prakt. Chem. 158, 150 (1941) & 146, 153 (1942) & 159, 153 (1942).
- 115. Glockner G., Linow K. and Philipp B.; Faserforschung and Textiltechnik 191, 120 (1968).
- 116. Doering H.; Papier 8, 383 (1954).
- 117. Kocevar F., Pogacnik M. and Povoden V.; Papier 11, 301(1957).
- 118. Mansour O. Y., Safy El-Din N. M. and El-Sawy S.; J. Research and Industry, V. 40, 272 (1995).
- 119. TAPPI -T205 os-1974.
- 120. Knalle H. and Jayme G.; Papier 19, 106 (1965).
- 121. Jayme G. and Raffael E.; Papier 24, 614 (1970).
- 122. El-Said H., Hana A. A. and Ibrahim A.; Indian Pulp and Paper 40, 9 (1985).
- 123. Segal L., Creely J. J., Martin A. E. and Conrad C. M.; Text. Res. J. 24, 786 (1959).

References

124. Griffiths, P.R. and de Haseth, J.A.; Fourier Transform Infrared spectroscopy wiley, New York, (1986).
125. levdic, Y.I., Inshakova, M.D., Miyurov, E.P., and Nikitin, V.N.; Tr. Vses-Nauch Issled Inst. Tsellyl. Bum Prom.521, 109 (1967).
126. Nelson M.L., and connor R.T.; J. Applied Polymer science 8, 1325 (1964).
127. Laszkiewicz B. and Wcislo P.; J. Appl. Polym. Sci. 39, 415 (1990).