

## Reference

1. Angeloni, A.S.; Laus, M.; Chiellini, E.; Galli, G.; Francescangeli, O. *Eur. Polym. J.* **1995**, 31, 253-258
2. Fukuji Higashi; Atsushi Hoshio; Jun Kiyoshige, *Journal of Polymer Science: Polymer Chemistry Edition*, **1983**, 21, 3241-3247.
3. Fukuji Higashi; Atsushi Hoshio; Yukiharu Yamada; Michihide Ozawa, *Journal of Polymer Science: Polymer Chemistry Edition*, **1985**, 23, 69-75.
4. Fukuji Higashi; Michihide Ozawa; Atsushi Hoshio; Akihiko Mochizuki, *Journal of Polymer Science: Polymer Chemistry Edition*, **1985**, 23, 1699-1705.
5. Mircea Manea, *High Solid Binders*, Vincentz Network GmbH & Co KG, **2008**.
6. Toshihide Inoue; Toru Yamanaka; Norikazu Tabata; Shigeru Okita; Toshihide Inoue; Toru Yamanaka; Norikazu Tabata; Shigeru Okita, *High perform. Polym.*, **1995**, 7, 303-311.
7. Pradip K. Bhowmik; Haesook Han; James J. Cebe; Ronald A. Burchett, *Journal of Polymer Science: Part A: Polymer Chemistry*, **2002**, 40, 141-155.
8. Hans- Werner Schmidt; Dajian Guo, *Makromol. Chem.*, **1988**, 189,2029-2037.
9. Kolesnikov. H. S., *Vysokomol. soyed.*, **1970**, A12, 528-535.
10. Guey-Sheng Liou, *Journal of Polymer Science: Part A Polymer Chemistry*, **1991**, 29, 995-1000.
11. Massoumeh Bagheri; Reza Zahedi Rad, *Reactive & Functional Polymers*, **2008**, 68, 613-622.
12. Donald L. Pavia, *Introduction to spectroscopy*, Brooks/Cole Cengage Learning, 4<sup>th</sup> Ed., **2009**.

13. Aman Mahajana; Amarjit Singha; Rajesh Kumar A; R.K. Bedia; Pramila; Subodh Kumar B, *Thin Solid Films*, **2001**, 385, 36-42.
14. Genara S. Andrade; Anne Hiltner; David M. Collard; David A. Schiraldi; Yushan Hu; Eric Baer, *Journal of Applied Polymer Science*, **2003**, 89, 934-942.
15. Cheng-Fang Ou, *European Polymer Journal*, **2002**, 38, 2405–2411.
16. Medhat S Farahat, *Polym. int.*, **2002**, 51, 183-189.
17. Michelina Soccio; Lara Finelli; Nadia Lotti; Valentina Siracusa; Tiberio A. Ezquerra; Andrea Munari, *Journal of Polymer Science: Part B: Polymer Physics*, **2007**, 45, 1694–1703.
18. Dylan Dae Bong Jung; Allan J. Easteal; Debes Bhattacharyya, *Mat Res Innovat.*, **2003**, 7, 269–274.
19. Francisco de Assis Marques; Edison Perevalov; Wendler; Alexandra Macedo; Celso Luiz Wosch; Beatriz Helena Sales Maia; Adriana Yatie Mikami; Iara Cintra Arruda-Gatti; Aline Pissinatti; Fábio Luiz Checchio Mingotte, Amilton Alves and Maurício Ursi Ventura, *Brazilian Archives of biology and technology*, **2009**, 52, 1333-1340.
20. Eli Espinosa; Maria J. Fernandez-Berridi; Inaki Maiza; Miguel Valero, **1993**, *Polymer*, 32, 2, 382-388.
21. E. Bucio; J. C. I. Lara-Estévez; F. A. Ruiz-Treviño; A. Acosta-Huerta, *Polymer Bulletin*, **2006**, 56, 163–170.
22. Malcolm B Polk; Kofi B Bota; Mahendra Nandu; Metha Phingbodhipakkiya; Charles Edeogu, *Macromolecules*, **1984**, 17, 129-134.
23. G.K. Sandhu, R. Hundal, *Applied organometallic chemistry*, **1995**, 9, 121-126.
24. Maged A. Osman, *Macromolecules*, **1986**, 19 (7), 1824–1827.

25. Jean Pierre Leblanc; Martine Tessier; Didier Judas; Claude Friedrich; Claudine Nodl,va; Ernest Marbchalt, *Macromolecules*, **1995**,28, 4837-4850.
26. Pradip K. Bhowmik; Edward D. T. Atkins; Robert W. Lenz; Haesook Han, *Macromolecules*, **1996**, 29 (11), 3778–3786.
27. Xianbin Su; David J. Fox; David T. Blackwell; Kiyotaka Tanaka; David R. Spring, *Chem. Commun.*, **2006**, 3883-3885.
28. Yiwang Chen; Yan Yang; Jiyong Su; Licheng Tan; Yan Wang, *Reactive & Functional Polymers*, **2007**, 67, 396–407.
29. Jie Yin, Jur Wildeman; Ton Loontjen, *Journal of polymer science, Part A: Polymer chemistry*, **2015**, 53 (17), 2036–2049.
30. Arvind S. More, Ph.D., *Thesis*, Polymer Science and Engineering Division, National Chemical Laboratory, University of Pune, India, **2009**.
31. Chin-Ping Yang; Yu-Yang Su; Shiou-Jung Wen; Sheng-Huei Hsiao, *Polymer*, **2006**, 47, 7021- 7033.
32. Yerli Kaya; Aksoy; Bayramli, *Journal of Polymer Science: Part A: Polymer Chemistry*, **2001**, 39, 3263–3277.
33. Khudbudin B Mulani; Nitin V Ganjave; Nayaku N Chavan, *Indian Journal of Chemistry*, **2014**, 53, 591-596.
34. Aman Mahajan; R.K. Bedi; Pramila; Subodh Kumar, *Thin Solid Films*, **2001**, 398 –399, 82–86.
35. G Hofle, *Tetrahedron*, **1976**, 33, 1967-1970.
36. Salima Bensaad; Claudine Noel, *Macromol. Chem. Phys.*, **2001**, 202, 36–50.
37. Raul O Garay; Pradip K Bhowmik; Robert W Lenz, *Journal of Polymer Science: Part A: Physical Chemistry*, **1993**, 31, 1001-1006.
38. Bor-Kuan Chena; Sun-Yuan Tsaya; Jun-Yuan Chenb, *Polymer*, **2005**, 46, 8624–8633.

39. Ramesh S. Ghadage; Surendra Ponrathnam; Vikas M Nadkarni, *Journal of Applied Polymer Science*, **1989**, 37, 1579-1588.
40. R.W. Lenz; J.-I. Jint, *Macromolecules*, **1981**, 14, 1405-1411.
41. Par Francois Brisse; Allan Palmer, *Acta cryst.*, **1982**, B 38, 211-215.
42. Shaofei Song, Wenqi Guo, Shufen Zou, Zhisheng Fu, Junting Xu and Zhiqiang Fan, *Polymer*, **2016**,107, 113-121.
43. Renu Chandha; Poonam Arora; Anupam Saina; Dharamvir Singh Jain, *J. Pharma Pharmaceutical Sci.*, **2012**, 15 (2), 234 – 251.
44. Sabu Thomas; Visakh P M, *Handbook of Engineering and Specialty Thermoplastics, Volume 3: Polyethers and polyesters*, Wiley, **2011**.
45. Dietrich Demus; John W. Goodby; George W.Gray; Hans W. Spiess, Volkmar Vill *Handbook of Liquid Crystals, High Molecular Weight Liquid Crystals*,Wiley, volume 3, **1998**.
46. Chung-Ping Chen; Shih-Jieh Sun; Ten-Chou Chang, *Journal of Polymer Research*, **1995**, 2 (3), 187-195.
47. D. Ster; U. Baumeister; J. Lorenzo Chao; Tschierskea; G. Israel, *J. Mater. Chem.*, **2007**, 17, 3393–3400.
48. R Sinta; R A Gaudiana; R A Minns; H G Rogers, *Macromolecules*, **1987**, 20 (10), 2374-2382.
49. Nayaku N. Chavan, *Materials Sciences and Applications*, **2011**, 2, 1520-1527.
50. N. Khan; D. M. Price; Z. Bashir, *Journal of Polymer Science: Part B: Polymer Physics*, **1994**, 32,2509-2518.
51. Mutsumasa Kyotani; Hisaaki Kanetsuna, *Journal of polymer science: Polymer physics Edition*, **1983**, 21, 379-387.

52. E. Padmanaba Naidu, E. Arumugasamy, E. Ravichandran, V. Kannapan and I K Varma, *Mol. Cryst. Liq. Cryst.*, **1996**, 287, 1-11.
53. Peng Wei, Milko Cakmak , Yuwei Chen, Xinhang Wang, Yanping Wang, Yimin Wang, *J. Appl Polym Sci*, **2014**, 131, 40487.
54. M.A. Salem; M.H. Helel; Y.A. Ammar; M.S.A. El-Gaby; H. Kh. Thabet; M.A. Gouda, *Synthetic communications*, **2017**, 47 (10), 935–960.
55. Anindita Deb; Sikha Barua; Dr. Biswajit Das, *Journal of Pharmacognosy and Phytochemistry*, **2016**; 5 (1), 194-197.
56. Hsu-Shan Huang, Jing-Wen Shih, Jeng-Fong Chiou, Yen-Ru Pan, Yaou Fong, and Jing-Jer Lin Ching-Cheng Hou, Yu-Cheng Lu, Jen-Yi Wang, *J. Med. Chem.* **2003**, 46, 3300-3307.
57. Walaa Hamada Abd-Allah and MohaFathy Elshafic, *Orient J. Chem.*, **2018**, 34 (2).
58. A.M.G.A. Laheij; J.O. Kistler; G.N. Belibasakis; H. Välimaa; J.J. De Soet, *J. Oral Microbiol.*, **2012**, 4, 17659.
59. Vincenzo Russotto; Andrea Cortegiani; Santi Maurizio Raineri; Antonino Giarratano, *J. Intensive Care*, **2015**, 3, 54.
60. Nicholas J. Ashbolt, “*Microbial, Curr Environ Health Rpt*, **2015**, 2, 95–106.
61. F.M. Berger, C.V. Hubbard, and B.J. Ludwig, *Appl. Microbiol.*, **1953**, 1, 146–149.