

DAFTAR PUSTAKA

- Berglund *et al*(2010). "Review: Current International Research Into Cellulose Nanofibres and Nanocomposites". *SpringerLink, Journal of Material Sciece*. **45**. 1-33. B. G. Ranby, *Discussions Faraday Soc.*, **11**, 158 (1951).
- Brown, R.M., (2004). "Cellulose Structure and Biosynthesis: What is on the store for the 21st Century? ". *Journal of Polymer Science: Part A: Polymer Chemistry*. **42.3**. 487-495.
- Ciechanska, D. 2004. *Multifungsional Bacterial Cellulose/Chitosan Composite Materials for Medical Applications*. *Fibres & Textiles in Eastern Europe*.
- Chatwal, G., 1985, "Spectroscopy Atomic and Molecule", Himalaya Publishing House, Bombay.
- Czaja, W.K., D.J. Young, M. Kawecki, and R. M. Brown. 2007. Reviews:The Future Prospects of Microbial Cellulose in Biomedical Applications. *Biomacromolecules*, **Volume 8**, No. 1., 1 – 12.
- Darwo AA.2003. *Proyek Pengkajian dan Penelitian Ilmu Pengetahuan Terapan Direktorat Jendral Departemen Pendidikan Nasional*. Produksi membran filtrasi dari selulosa microbial dan penerapannya dalam insdustri hasil pertanian [laporan penelitian]. Bogor:Fakultas Teknologi Pertanian, Institut Pertanian Bogor.
- F. W. Billmeyer, *Textbook of Polymer Science*. WileyInterscience Publication. USA,1984.
- Fegel D, Wegener G. 1989. *Wood: Chemistry, Ultrastructure, and Reaction* . Berlin: Walter de Gruyter.
- Fessenden, 1997, "Kimia Organik", jilid 1, edisi ketiga Erlangga, Jakarta.
- Figini M. 1982. *Cellulose and Other Nature Polymer System*. Plenum, New York.
- Hoenich, N. 2006. *Cellulose for Medical Applications*. Bioresources.
- Iguchi, S.Yamanaka and A. Budhiono, *J. Mater. Sci.*, 2000, 35, 261-270.
- Klem *et al* , (2011). "Bacterial Synthesized Cellulose Artiftital Blood Vessels for Microsurgery". *Prog. Polymer. Science* . **26**. 1561-1603.

- Krystynowicz. (2001). *Biosynthesis of Bacterial Cellulose and its Potential Application in The Different Industries*, <http://www.biotechnology.pl.com/science/krystynomcz.htm>.
- Meshitsuka G, Isogai A. 1996. Chemical Structures of Cellulose, Hemicellulose, and Lignin. *di dalam. Chemical Modification of Lignocellulosic Materials*. Hon, D.N.S. (Ed.). Marcel Dekker, New York.
- Rulianah S. 2002. Studi pemanfaatan kulit buah nanas sebagai *nata de pina*. *Bisnis dan Teknologi* 10:20-25.
- Safriani. 2000. Produksi biopolymer selulosa asetat dari *nata de soya* [Tesis]. Bogor: Program Pascasarjana, Institut Pertanian Bogor.
- Suryanegara, lisman *et al* (2009) "The effect of crystallization of PLA on the thermal and mechanical properties of microfibrillated cellulose-reinforced PLA composites". *Elsevier composites science and technologi*. **69**, 1187-1192.
- Susanto T, R Adhitia, Yunianta. 2000. Pembuatan *nata de pina* dari kulit nanas:kajian dari sumber karbon dan pengenceran medium fermentasi. *Jurnal Teknologi Pertanian*. 1:58-66.
- Sutiani A.1997. Biodegradasi poliblend polistiren-pati [Tesis]. Bandung: Fakultas Matematika dan Ilmu Pengetahuan Alam, Institut Teknologi Bandung.
- Teeri, H Brumer,G. Daniel and P. Gatenholm, Trends Biotechnol., 2007, 25, 299-306.
- Vipul S. Chauhan and Swapan K. (2011)." Use Of Nanotechnology For High Performace Cellulosic and Papermaking Product". *Cellulose Chemistry and Technologi*.
- Yoshinaga S, Tonouchi N, Watanabe K. 1997. Research progress in production of bacterial cellulose by aeration and agitation culture and its application as a new industrial material. *Biosci. Biotech. Biochem*. 6:119-224.