

DAFTAR PUSTAKA

- Anonim. 1958. *FAO Report of International Consultation on Instalation Board (Hardboard and Particleboard)*. Roma.
- _____. 1999. *American National Standard Institute, Particleboard ANSI A208.1-1999 PB*. Composite Panel Association.
- _____. 2002. *Annual Book of ASTM Standards-Standard Test Method for Evaluating Properties of Wood- Base Fiber and Particle Panel Materials*. Baltimore, M.D. USA.
- _____. 2003. *Japan Industrial Standard (JIS) for particleboard. JIS A 5908 – 2003*. Tokyo. Japan
- _____. 2010. *Berkah Nipah yang Berlimpah*. www.adimust.wordpress.com diakses 19 Desember 2012.
- _____. 2012. *Detil data Nypa fruticans Wurmb*. <http://www.kehati.or.id>. Diakses 21 Desember 2012
- _____. 2012. *Mengenal Nipah atau Nypa fruticans*. www.alamendah.wordpress.com. Diakses 21 November 2012.
- _____. 2012. *Pembuatan Asam Sitrat dari Kulit Jeruk*. www.Amiinn.wordpress.com. diakses 6 Januari 2013
- Bizri N.J dan Wahem A.L. 1994. *Citric Acid and Antimicrobials Affect Microbiological Stability and Quality of Tomato Juice*. *J. of Food Science* 59 (1) : 130-134
- Ellison, J., Koedam, N.E., Wang, Y., Primavera, J., Jin Eong, O., Wan-Hong Yong, J. & Ngoc Nam, V. 2010. *Nypa fruticans*. In: IUCN 2011. IUCN Red List of Threatened Species. www.iucnredlist.org. diakses 5 february 2013.
- Hatmiarti S., 2007. *Pengaruh Dimensi Partikel dan Komposisi Bahan terhadap Sifat Papan Komposit Plastik Bambu Petung*. Skripsi Fakultas Kehutanan Universitas Gadjah Mada. Yogyakarta.(tidak diterbitkan)
- Haygreen, J.G dan Bowyer, J.L. 1996. *Hasil Hutan dan Ilmu Kayu Suatu Pengantar*. Gadjah Mada University Press. Yogyakarta.
- Joesoef M. 1977. *Papan Majemuk*. Yayasan Pembina Fakultas Kehutanan. Universitas Gadjah Mada. Yogyakarta.
- Koji T., Faizal N. M., Arifin Z., Nordin M. S., Khaidizar M. I., Dullo M. E., Sebastian N. S. 2010. *Biological and Ethnobotanical Characteristics of*

Nipa Palm (Nypa fructicans Wurmb.): A Review. Sains Malaysiana 40(12)(2011): 1407–1412. Malaysia

- Kollmann, F. F. P., E. W. Kwenzi, dan A. J. Stamm. 1975. *Principles of Wood Science and Technology II Wood Based Materials*, Springer-Verlag Berlin Heidelberg New York. USA
- Laemsak N. dan M. Okuma. 2000. *Development of Boards Made from Oil Palm Frond II: Properties of Binderless Boards from Steam-Exploded Fibers of Oil Palm Frond.* J Wood Sci 46: 322-326.
- Maharani, C. 2011. *Pengaruh Suhu Pengempaan dan Komposisi Bahan Terhadap Papan Partikel Tanpa Perikat dari Serbuk Glugu (Cocos sp.)* Skripsi. Fakultas Kehutanan Universitas Gadjah Mada. Yogyakarta. (tidak diterbitkan).
- Maloney, T. M. 1997. *Modern Particleboard & Dry Process of fingerboard Manufacturing*, Miller Freeman. USA.
- Maungpanil A., Boonyobhas S., Chonsacron S., Mongkholrattanasit R., 2012. *The Characterization And Properties Of Fiber From Nypa Frutican Wurmb.* RMUTP International Conference: Textiles & Fashion 2012 July 3-4, 2012, Bangkok Thailand
- Mobarak F., Fahmy Y., dan Augustin H. 1982 Binderless lignocellulose composite from bagasse and mechanism of self-bonding. *Holzforschung* 36:131–135
- Mulyaningrum. 2008. *Metil Ester Gondorukem sebagai Kandidat Bahan Bakar Nabati.* Tesis. Sekolah Pascasarjana Institut Pertanian Bogor. Bogor.
- Okuda N. dan M. Sato. 2006. *Water Resistance Properties of Kenaf Core Binderless Boards.* J Wood Sci 52: 422-428.
- Okuda, N. dan M. Sato. 2004. *Manufacture and Mechanical Properties of Binderless Boards from Kenaf Core.* J Wood Sci 50: 53-61.
- Prawirohatmodjo, S. 1995. *Kimia Kayu.* Fakultas Kehutanan. Buku Ajar. Universitas Gadjah Mada. Yogyakarta. (Tidak dipublikasikan)
- Prayitno, T.A. 1994. *Perekatan Kayu.* Bagian Penerbitan Fakultas Kehutanan. Universitas Gadjah Mada. Yogyakarta (Tidak dipublikasikan).
- _____. 1995. *Teknologi Papan Majemuk.* Fakultas Kehutanan. Universitas Gadjah Mada. Yogyakarta.
- _____. 2011. *Bahan Ajar Teknologi Biokomposit.* Bagian Teknologi Hasil Hutan Fakultas Kehutanan UGM. Yogyakarta (Tidak dipublikasikan)

- Prayitno, T.A. dan Darnoko. 1994. *Karakteristik Papan Partikel dari Pohon Kelapa Sawit*. Berita Pusat Penelitian Kelapa sawit 2. Medan.
- Roliadi H, Indrawan D. A., Pari G., Tampubolon R. M. 2012. *Potensi Teknis Pemanfaatan Pelepah Nipah Dan Campurannya Dengan Sabut Kelapa Untuk Pembuatan Papan Serat Berkerapatan Sedang*. Jurnal Penelitian Hasil Hutan Vol. 30 No. 3, 183-198
- Rowell R. M, Lange S., McSweeney J., Davis M. 2002. *Modification of wood fiber using steam*. In : Proceedings of the 6th Pacific Rim Bio-Based Composites Symposium, Oregon, Volume 2, pp. 606-615
- Rowell R. M. 2006. *Acetylation of Wood*. Forest Prod. J. Vol 56 (9): 4-12
- Shao, S., Jin, Z., Wen, G., & Iiyama, K. (2009). *Thermo characteristics of steam-exploded bamboo (*Phyllostachys pubescens*) lignin*. *Wood Science and Technology*, 43, 643-652. <http://dx.doi.org/10.1007/s00226-009-0252-7>
- Shen K. C. 1986. *Process for Manufacturing Composite Products from Lignocellulosic Materials*. United States Patent 4627951.
- Shen K. C. 1991. *Method of Making Composite Products from Lignocellulosic Materials*. United States Patent 5017319.
- Stratford, M., 1999. *Traditional Preservatives Organic Acids*. Di dalam : Robinson, R. K., Batt, C. A., dan Patel, P. D. (Eds.), *Encyclopedia of Food Microbiology* Volume 3. Academic Press, California, USA.
- Subiandono E., Heriyanto N. M., Karlina E. 2011. *Potensi Nipah (*Nypa fruticans* (Thunb.) Wurmb.) Sebagai Sumber Pangan Dari Hutan Mangrove*. Buletin Plasma Nutfah Vol.17 No.1. Bogor
- Sutigno P. 1994. *Mutu Papan Partikel*. <http://www.dephut.go.id>. Diakses 21 Desember 2012
- Tamunaidu, P., S. Saka. 2012. *Chemical characterization of various parts of nipa palm (*Nypa fruticans*)*. Department of Socio-Environmental Energy Science Graduate School of Energy Science. Kyoto University. Kyoto-Japan.
- Tsoumis G. 1991. *Science and Technology of Wood (Structure, Properties, Utilization)*. Van Nostrand Reinhold Company. New York.
- Tsuji, K., M. N. F. Ghazalli, Z. Ariffin, M. S. Nordin, M. I. Khaidizar, M. E. Dulloo dan L. S. Sebastian. 2010. *Biological and Ethnobotanical Characteristics of Nipa Palm (*Nypa fruticans* Wurmb.): A Review*. *Sains Malaysiana* 40(12)(2011): 1407–1412.

- Umemura K, Ueda T., Sasa S M, dan Kawai S. 2011. *Application of Citric Acid as Natural Adhesive for Wood*. Journal of Applied Polymer Science DOI 10.1002/app
- Umemura, K., Ueda, T., dan Kawai, S. 2012. *Effect of Moulding Temperature on the Physical Properties of Wood-Based Moulding Bonded with Citrit Acid*. Forest Product Journal 62(1):63-68.
- Van Dam J. E. G., M. J. A. Van den Oever, E. R. P. Keijsers, J. C. Van der Putten, C. Anayron, F. Josol, dan A. Peralta. 2004. *Process for Production of High Density/ High Performance Binderless Boards from Whole Coconut Husk*. Indust.Crops Prod 19: 207–216.
- Velazquez J. A., F. Ferrando, dan J. Salvado. 2002. *Binderless Fiberboard from Steam Exploded Miscanthus Sinensis: The Effect of A Grinding Process*. Holz Roh Werkstoff 60: 297-302.
- Viklund, A. 2008. *Penjelasan Singkat Tentang Pengerinan Kayu* <http://www.tentangkayu.com/klindry>. diakses pada 13/3/2013
- Widhasari, M. I. 2009. *Pengaruh Komposisi Bahan dan Suhu Kempa Terhadap Sifat Papan Komposit Plastik dari Daun Nanas*. Skripsi. Fakultas Kehutanan Universitas Gadjah Mada.Yogyakarta.(tidak diterbitkan).
- Widyorini R., J. Xu, K. Umemura, dan S. Kawai. 2005a. *Manufacture and Properties of Binderless Particleboard from Bagasse I: Effects of Raw Material Type, Storage Methods, and Manufacturing Process*. J Wood Sci 51: 648–654.
- Widyorini R., J. Xu, T. Watanabe dan S. Kawai. 2005b. *Chemical Changes in Steam-Pressed Kenaf Core Binderless Particleboard*. J Wood Sci 51: 26–32.
- Widyorini R., T. Higashihara, J. Xu, T. Watanabe dan S. Kawai. 2005c. *Self-Bonding Characteristics of Binderless Kenaf Core Composites*. J Wood Sci 39: 651–662.
- Widyorini, R., Yudha, AP., Ngadianto, A., Umemura, K., dan Kawai, S. 2012. *Development of Bio-based Composite Made From bamboo And Oil Palm Frond*. Proceeding BIOCOMP2012 (11th pacific Rim Bio-Based Composite Symposium). Shizuoka. Japan.
- Xu J., G. Han, dan E. D. Wong. 2003. *Development of Binderless Particleboard from Kenaf Core Using Steam-Injection Pressing*. J Wood Sci 49: 327-332.
- Xu J., R. Widyorini, Y. Hidefumi, dan S. Kawai. 2006. *Development of Binderless Fiberboard from Kenaf Core*. J Wood Sci 52: 236-243.

Youngquist J. 1999. *Wood Handbook-Wood Based Composites and Panels Products*. Forest Product Laboratory. USA.

Yuda, A. P. 2010. *Pengaruh Kadar Air dan Ukuran Partikel Terhadap Sifat Papan Partikel Tanpa Perekat dari Bambu Petung (*Dendrocalamus asper Backer*)*. Skripsi. Fakultas Kehutanan Universitas Gadjah Mada. Yogyakarta. (tidak diterbitkan).