

DAFTAR PUSTAKA

- Angels M.N., J. Reguant, D. Montane, F. Ferrando, X. Farriol, dan J. Salvado. 1999. *Binderless Composite from Pretreated Residual Softwood*. Journal of Applied Polymer Science. 73:2485-2491.
- Anonim 1994. *Japanese Industrial Standard Particleboards A 5908*. Japanese Industrial Standard Association. Japan.
- _____. 2000. *Laporan Final Rencana Pengembangan Pengelolaan Hasil Hutan Kayu*. Fak.Kehutanan UGM & Kantor Wilayah Departemen kehutanan dan Perkebunan Provinsi Jawa Tengah dan Yogyakarta.
- Fengel D. dan G. Wegener. 1995. *Kayu: Kimia, Ultrastruktur, dan Reaksi-reaksi*. Terjemahan Hardjono Sastrohamidjojo. Gadjah Mada University Press. Yogyakarta.
- Haygreen J.G. dan J.L. Bowyer. 1989. *Hasil Hutan dan Ilmu Kayu, Suatu Pengantar*. Diterjemahkan oleh Dr. Ir. Sutjipto A. Hadikusumo. Gadjah Mada University Press. Yogyakarta.
- Heyne K. 1950. *De Nuttinge Planten Van Indonesie*. N V Uhgeverij. Van Hoeve. S. Gravenhag. Bandung.
- Hsu H.E., W. Schwald, J.A. Shields. 1988. *Chemical and Physical Changes Required for Producing Dimensionally Stable Wood-based Composites*. Wood Sci Technol 22: 281–289.
- Kollman F.F.P., E.W Kwenzi, dan A.J. Stamm. 1975. *Principles of Wood Science and Technology Vol II, Wood Based Materials*. Springer Verlay Berlin Heidelberg. New York.
- Laemsak N, Okuma M (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.
- Maloney T.M. 1977. *Modern Particle Board and Dry Process Fiberboard Manufacturing*. Miller Freeman Publications., Inc USA.
- Martawijaya I., Kartasujana, Y.I. Mandang, S.A. Prawira, dan K. Kadir. 1989. *Atlas Kayu Indonesia Jilid I*. Badan Penelitian dan Pengembangan Kehutanan. Departemen Kehutanan. Bogor.

- Michiel J. Boonstra. A Pizzi. F. Zomers. M Ohlmeyer. Wulf Paul. 2006. *The Effects Of A Two Stage Heat Treatment Processon The Properties Of Particleboard*. Holz als Roh- und Werkstoff (2006) 64: 157–164.
- Miki T., Takakura N., Lizuka T., Yamaguchi K., Kanayama K. 2004. *Prosibility Of Production of Binderless Board Using Wood Powder By Rolling*. Kyoto Institute of Technology, Japan.
- Mobarak F., Y. Fahmy, and H. Augustin. 1982. *Binderless Lignocellulose Composite from Baggase and Mechanism of Self-bonding*. Holzforschung 36: 131-135.
- Okuda N. dan M. Sato. 2004. *Manufacture and Mechanical Properties of Binderless Boards from Kenaf Core*. J Wood Sci. 50: 53-61.
- Okuda N., K. Hori, dan M.Sato. 2006. *Chemical Changes of Kenaf Core Binderless Boards During Hot Pressing (I) : Influence of The Pressing Temperature Condition*. J Wood Sci. 52 (3): 244-248.
- Prayitno T.A. 1995. *Teknologi Papan Majemuk*. Fakultas Kehutanan Universitas Gadjah Mada. Yogyakarta.
- _____. 2000. *Hubungan Struktur Anatomi dan Wetabilitas dengan Kekuatan Rekat Kayu*. Buletin Kehutanan 42: 24-32.
- Puspitasari Febtyan E. 2010. *Pengaruh Perlakuan Ekstraksi dan Waktu Kempa Terhadap Sifat Papan Partikel Tanpa Perekat Serbuk Gergajian Kayu Mahoni (*Swietenia sp.*)*. Jurusan Tehnologi Hasil Hutan Fakultas Kehutanan Universitas Gadjah Mada. Yogyakarta (Tidak Diterbitkan).
- Rowell R., Lange S., McSweeny J., and Davis M. 2002. *Modification Of Wood Fiber Using Steam*. In proceedings of the 6th pacific rim bio-based composite symposium, Oregon. 2: 606-615.
- Sekino N., Inoue M. dan Irle A. 1997. *Thickness Swelling and Internal Bond Strength of Partisleboard Made From Steam-Pretreated Particle*. Mokuza Gakkaishi 43: 1009-1015.
- Setyawati D. 2003. *Komposit Serbuk Kayu Plastik Daur Ulang: teknologi Alternatif Pemanfaatan Limbah Kayu dan Plastik*. Makalah Falsafah Sains Institut Pertanian. Bogor.
- Shen K.C. 1986. *Process for Manufacturing Composite Products from Lignocellulosic Materials*. United State Patent 4627951.

- Sjostrom E. 1992. *Wood Chemistry. Fundamentals and Applications. Second Edition.* Academic Press, Inc. San Diego. California.
- Subyanto B. 2008. *Proses Pembuatan Panel Papan Partikel Serbuk Kelapa Sebagai Bahan Penyerap Air dan Oli.* UPT Balai Penelitian dan Pengembangan Biometrikal. www.inovasi.lipi.go.id. Diakses 16 Oktober 2009.
- Sukadaryati 2006. *Potensi hutan Rakyat di Indonesia dan Permasalahannya.* Litbang. Bogor.
- Suzuki S., H. Shintani, S. Y. Park, K. Saito, N. Laemsak, M. Okuma, dan K. Iiyama. 1998. *Preparation of Binderless Boards from Steam Exploded Pulps of Oil Palm (*Elaeis guineensis* Jaxq) Fronds and Structural Characteristics of Lignin and Wall Polysaccharides in Steam Exploded Pulps to be Discussed for Self-Bonding.* *Holzforschung* 52: 417-426.
- Tsoumis G. 1991. *Science and Technology of Wood Structure, Properties, Utilization.* Van Nostrand Reinhold. New York.
- Van Dam J.E.G., M.J.A. van den Oever, dan E.R.P. Keijsers. 2004a. *Production Process For High Density Performance Binderless Boards from Whole Coconut Husk.* *Industrial Crops and Products An International Journal.* Vol. 20: 97-101.
- Velasquez J. A, F. Ferrando, J. Salvado. 2002. *Binderless Fiberboard From Steam Exploded *Miscanthus Sinensis*: The Effect Of A Grinding Process.* *Holz als Roh- und Werkstoff* 60: 297–302.
- Velasquez J.AF. Ferrando, X. Farriol, J. Salvado. 2003a. *Binderless Fiberboard From Steam Exploded *Miscanthus Sinensis*.* *Wood Sci Technol* 37: 269–278.
- Velasquez J.AF. Ferrando, X. Farriol, J. Salvado. 2003b. *Binderless Fiberboard From Steam Exploded *Miscanthus Sinensis* : Optimization Of Pressing And Pretreatment Conditions.* *Wood Sci Technol* 37: 279–286.
- Widyorini R., J. Xu, T. Watanabe, dan S. Kawai. 2005a. *Chemical Changes in Steam-Pressed Kenaf Core Binderless Particleboard.* *J Wood Sci.* 51: 26-32.
- Widyorini R., J. Xu, K. Umemura, dan S. Kawai. 2005b. *Manufacture and Properties of Binderless Particleboard from Bagasse I : Effect of Raw Material Type, Storage Methods, and Manufacturing Process.* *J Wood Sci.* 51: 648-654

- Widyorini R., T. Higashihara, J. Xu, T. Watanabe, dan S. Kawai. 2005c. *Self-bonding Characteristics of Binderless Kenaf Core Composite*. *J Wood Sci.* 39: 651-662.
- Widyorini R. 2008. *Pembuatan dan Sifat-sifat Binderlessboard dari Bahan Baku Non Kayu - Pengaruh Ekstraktif Terhadap Sifat Fisis Mekanis Binderlessboard*. Prosiding Seminar Nasional MAPEKI XI, Palangka Raya (Abstrak).
- Xu J., G. Han, E.D. Wong, dan S. Kawai. 2003. *Development of Binderless Particleboard from Kenaf Core Using Steam-Injection Pressing*. *J. Wood Sci.* 49: 327-332.
- Xu J., R. Sugawara, R. Widyorini, G. Han, dan S. Kawai. 2004. *Manufacture and Properties of Low-Density Binderless Particleboard From Kenaf Core*. *J Wood Sci.* 50: 62-67.
- Xu J., R. Widyorini, dan S. Kawai. 2005. *Properties of Kenaf Core Binderless Particleboard Reinforced With Kenaf Bast Fiber-Woven Sheets*. *J Wood Sci.* 51: 415-420.
- Xu J., R. Widyorini, H. Yamauchi, dan S. Kawai. (2006). *Development of Binderless Fiberboard from Kenaf Core*. *J Wood Sci.* 52: 236-243.
- Youngquist, J. A. 1999. *Wood Handbook-Woods Based Composites and Panels Products*. Forest Product Laboratory. USA.