

DAFTAR PUSTAKA

Achmadi SS. 1990. *Bahan Pengajaran Kimia Kayu*. Bogor (ID). Pusat Antar Universitas Ilmu Hayat. IPB

ARB. 2008. Langkah Pengendalian Racun Kambang Udara (*Airbone Toxic Control Measurement*) untuk mengurangi Emisi Formaldehid dari Produksi Kayu Komposit. Lembar Fakta. California Environmental Protection Agency. California.

Baharoglu, M., G. Nemli., B. Sari., S. Bardak., dan S. Ayrimis. 2012. The influence of moisture content of raw material on the physical and mechanical properties, surface roughness, wettability, and formaldehyde emission of particleboard composite. *Composites: Part B* 43 : 2448–2451

Brown, H. P., A. J. Panshin., dan C. C. Forsaith. 1952. *Textbook of Wood Technology. II. The Physical, Mechanical, and Chemical Properties of the Comercial Wood of the United States*. Mc Graw Hill Book Company. New York.

Fengel D, Wegener G. 1995. *Kayu : Kimia, Ultrastruktur, Reaksi-reaksi*, Diterjemahkan oleh Hardjono Sastrohamidjoyo. Yogyakarta (ID): Cetakan I, Gajah Mada University Press.

Fessenden, R.J and J.S Fessenden. 1995. *Kimia organik*, edisi 3, jilid 2. Jakarta: Erlangga.

Frihart CR. 2004. Adhesive interactions with wood. General Technical Report FPL-GTR-149. U.S. Madison WI(US):Department of Agriculture, Forest Service Forest Products Laboratory.

Haygreen JG, J.L. Bowyer, 1986. Hasil Hutan dan Ilmu Kayu. Suatu Pengantar. UGM Press, penerjemah. Bulaksumur. Yogyakarta. Terjemahan dari: Forest Product and Wood Science an Introduction.

Haygreen, JG dan J.L. Bowyer, 1989. Hasil Hutan dan Ilmu Kayu, Suatu Pengantar. Sutjipto A. Hadikusumo, Penerjemah. Gadjah Mada University Press. Yogyakarta.

Hindriani, H dan A. Santoso. 2007. Studi optimalisasi formula perekat kayu berbasis tanin dengan spektroskopi inframerah, diferensial thermal analisis dan difraksi sinar-X. Jurnal Nusa Kimia. 7(1): 7 – 15.

Ishida M, Hassan AO. 1992. Chemical Composition and in vitro digestibility of leaf and petiole from various location in oil palm fronds. In proceedings of 15th Malaysian Society of Animal Production, May 26-27, 1992, Kuala Trengganu (MY). 115-118.

Iskandar. 2009. Proses Pembuatan Papan Pertikel. Pusat Penelitian dan Pengembangan Hasil Hutan, Dept. Kehutanan, Bogor.

Iswanto A, Coto Z, Effendi K. 2005. Pengaruh perendaman partikel terhadap sifat fisis dan mekanis papan partikel dari ampas tebu (*Saccharum officinarum*). Jurnal Perennial. 4(1): 6-9.

Khalil HPSA, Jawaid M, Hassan A, Paridah MT and Zaidon A. 2012. Oil palm biomass fibres and recent advancement in oil palm biomass fibres based hybrid biocomposit. Composites and their application. INTECH. Open acces Journal. <http://dx.doi.org/10.5772/48235>. Chapter 8: 187-220.

Kobayashi, A and G.I. Konishi. 2009. *Synthesis and Analysis of Resolcinol-Acetone Copolymer*. Institute of Technology : SORST. Japan

Kollmann, F. F. P., E. W. Kwenzi., dan A. J. Stamm 1975. Principle of Wood Science and Technology II: Wood Base Material. Springer-Verlag Berlin Heidelberg. New York.

Ngwa, M., 2010. *Formaldehyde testing*. Cedar Rapids Gazette.

Novaliza. 2009. Pengaruh Parafin Pada Pembuatan Papan Partikel Serat Acak Sabut Kelapa. Medan.

Maloney T. M. 1977. Modern Particleboard and Dry-Process Fiberboard Manufacturing. Miller Freeman Publications. Inc USA

PIZZI,A. Tanin-based wood adhesives. In Wood adhesives: Chemistry and technology (A.Pizzi.Ed.), Marcel and Dekker, Inc., New York (1983).

Pizzi, A. 2006. *Recent development in eco-efficient bio-based adhesives for wood bonding: Opportunities and issues*. J. Adhes. Sci. Technol. 20:829–846.

Rahman KS, Alam DM, Islam N. 2012. Some physical and mechanical properties of bamboo mat-wood veneer plywood. J. Biological Sci.1(2): 61-64.

Roffael, Edmone; translated from German text and edited by K. C. Khoo, M. P. Koh and C.L. Ong, 1993. Formaldehyde Release From Particle Board and Other Wood Based Panel, Malaysia : Forest Research Institute Malaysia (FIRM) with technical assistance from Malaysia-German Forestry Research Project (GTZ).

Rofii, M. N., N. Yamamoto., S. Ueda., Y. Kojima., dan S.Suzuki. 2014. *Utilization of High-density Raw Material for Panel Production and Its Performance*. Procedia Environmental Sciences 20: 315-320.

Rosli WWD, Law KN, 2011. Oil palm fiber as paper making material;Potentials and challenges, Bioresources, 6(1):901-917.

Rojo JP, Tesoro FO, Lopez SKS, Dy ME. 1988. Coconut Wood Utilization Research and Development: The Philippine experience. Canada (CA): FPRDI and IDRC.

Ruhendi S, Koroh DN, Syamani FA, Yanti H, Nurhaida, Saad S, Sucipto T. 2007. Analisa Perekatan Kayu. Bogor (ID), Fakultas Kehutanan Institut Pertanian.

Saka S. 2006. Technology for Biomass Utilization “Wood Biomass”. Third Biomass Asia Workshop, Shukuba International Congress Center, Kuala Lumpur (MY). 16 November 2006.

Santoso, A. 1998. Penelitian pemanfaatan tanin sebagai perekat kayu lapis. Proceedings, Seminar Nasional I, MAPEKI, 24 September, Bogor: 79-89.

Santoso, A dan P. Sutigno. 1995. Pengaruh komposisi perekat tanin urea formaldehida terhadap keteguhan rekat kayu lapis meranti. *Jurnal Penelitian Hasil Hutan*. 13(3) : 87-93

Santoso, A. 2001. Uji coba pembuatan perekat tanin. Laporan Hasil Penelitian. Puslitbang Teknologi Hasil Hutan. Bogor..

Santoso, A. 2005. Pemanfaatan lignin dan tanin sebagai alternatif substitusi bahan perekat kayu komposit. *Prosiding Simposium Nasional Polimer V*, 22 Nopember, Bandung : 155 - 164

Seller Jr. 2001. Wood adhesive innovation and application in North America. *For. Prod. J.* 51 (6):246-251.

Siagian, R.M. 1983. Pengaruh Suhu dan Tekanan Kempa Terhadap Sifat Papan Serat Yang Dibuat Dari Limbah Industri Perkayuan. Laporan P3HH, Bogor.

Sutigno, P. 1994. Teknologi Papan Partikel. Pusat Penelitian dan Pengembangan hasil Hutan dan Sosial Ekonomi Kehutanan Bogor.

Umemura, K., T. Ueda., S. Kawai. 2012. *Effects of Moulding Temperature on the Physical Properties of Wood-Based Moulding Bonded with Citric Acid*. *Forest Products J.* Vol.62(1): 63–68.

Widarmana, S. Penelitian pemanfaatan tanin sebagai perekat papan partikel. Makalah dalam KIPNAS IV, Bogor. 19. Sumadiwangsa, S dan Y. Ando. 1986. Potensi tanin dari hutan payau Tarakan, Kaltim. *Jurnal Penelitian Hasil Hutan* 3 (3), (1986) 25-27.

Widarmana, S. 1977. Panil-panil Berasal Dari Kayu sebagai Bahan Bangunan. Dalam : Surjokusumo, S. Dan T.R. Mardikanto (Eds). Risalah (Proceedings) Seminar penerapan Teknologi Kayu Modern Untuk Pembangunan Konstruksi Kayu di Indonesia. Pengurus Pusat Persaki, Bogor.

Widyorini, R., J. Xu, K. Umemura, dan S. Kawai. 2005. 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.

Yazid II, Suastawa IN, Praeko R dan Setiawan A. 2005. Sifat fisik dan mekanik pelepah dan batang tandan sawit. *J Keteknikan Pertanian*. 19(2):117-126.

