

## DAFTAR PUSTAKA

- ASTM D5764-97a, 2007, *Standard Test Method for Evaluation Dowel-Bearing Strength of Wood and Wood-Based Products*, West Conshohocken, PA: ASTM International. Available at : [www.astm.org](http://www.astm.org)
- ASTM F1575-03, 2003, *Standard Test Method for Determining Bending Yield Moment of Nails*, West Conshohocken, PA: ASTM International. Available at : [www.astm.org](http://www.astm.org)
- Abdul,Muhammad., 2011b, *Treated Tropical Wood Sawdust-Polypropylene Polymer Composite : Mechanical and Morphological Study*. *Journal*
- Adhikary et al, 2010, *Effects of Lubricant Content on Extrusion Processing and Mechanical Properties of Wood Flour-High-density Polyethylene Composites*. *Journal of Thermoplastic Composite Materials*, 24(2), pp.155–171.
- Awaludin, Ali, 2012, *Deterioration of Dowel Bearing Properties of Timber Due to Fungal Attacks*, Gadjah Mada University
- Billmeyer, F., 1994. *Text Book of Polymer Science*, John Wiley and Sons (SEA), pp. 270-271.
- Bodirlau, R., Teaca, C.A. & Spiridon, I., 2009b, *Preparation and Charcterization of Composite comprising Modified Hardwood and Wood Polymers/Poly(Vinly Chlorides)*. *bioresources.com*, 4(1285), pp.1285–1304.
- Bourmaud, A., Baley, C., 2007, *Investigations on the recycling of hemp and sisal fibre reinforced polypropylene composites* , Université de Bretagne Sud
- Cates, P.J., 2002, *Dowel Bearing Strength and Bolted Connection Behaviour of Oriented Strand Lumber*, Master's Thesis. Washington State Univesity
- Caufield, D.F., Clemons, C. & Rowell, R.M., 2007a, *Wood Thermoplastic Composite*. *In Wood Handbook*. pp. 141–159.
- Crawford, R.J., 1998, *Plastic Engineering 3rd Edition*, Chennai: St Edmundsbury Press Ltd, Bury St Edmunds, Suffolk

- Clemons, C. ,2002 "*Wood-plastic Composites in the United States: The interfacing of two Industries*" *Forest Products Journal* 52(6)
- Ghasemi, I. & Farsi, M., 2010a, *Interfacial Behaviour of Wood Plastic Composite: Effect of Chemical Treatment on Wood Fibres. Iranian Polymer Journal*, 19(10), pp.811–818.
- Glišović et al., 2011, *Embedment Test Of Wood For Dowel-Type Fasteners*, University of Belgrade
- Hietala, M., 2013, *Extrusion Processing of Wood-Based Biocomposites*, Doctoral Thesis : Luleå University of Technology, Sweden
- Jumaat, M.Z., 2006, *The Determination of the Embedment Strength of Malaysian Hardwood*, University of Malaya
- Klyosov, A. A., 2007. *Wood Plastic Composites*. 1st ed. New Jersey, AS: John Wiley & Sons.
- Kord, B., 2011, *Influence of Maleic Anhydride on the Flexural , Tensile and Impact Characteristics of Sawdust Flour Reinforced Polypropylene Composite. World Applied Science*, 12(7), pp.1014–1016.
- Leijten, A.J.M., Köhler, J., 2004: *Evaluation Of Embedment Strength Data For Reliability Analyses Of Connections With Dowel Type Fasteners. Final Report Of Short Scientific Mission*, COST E24, 36 Pp.
- Martawijaya, A. , I. Kartasudjana, K. Kadir dan S. Amongprawira. 1981. Atlas Kayu Indonesia Jilid I. Balai Penelitian Hasil Hutan. Badan Litbang Kehutanan. Bogor, Indonesia. Pp 42-47.
- Nurwati dkk, 2006 , *Sifat Fisis Dan Mekanis Kayu Jati Super Dan Jati Lokal Dari Beberapa Daerah Penanaman*, Skripsi, Universitas Hassanuddin
- Prasetya , Yoga, 2015. *Pengujian Kembang Susut 24 Jam dan Kuat Lentur Papan Wood Plastic Composite Limbah Kayu Sengon dan Plastik Daur Ulang HDPE sebagai Persyaratan Struktur*, Skripsi. Yogyakarta. Sleman:Fakultas Teknik, Program Studi Teknik Sipil dan Lingkungan, Universitas Gadjah Mada.

- Prayitno, Deki Agung, 2015. *Pengujian Serap Air 2 Jam dan Kuat Geser Papan Wood Plastic Composite Limbah Kayu Sengon dan Plastik Daur Ulang HDPE Sebagai Persyaratan Struktur*, Skripsi. Yogyakarta. Sleman:Fakultas Teknik, Program Studi Teknik Sipil dan Lingkungan, Universitas Gadjah Mada.
- Puspita, C.A., Pemanfaatan Limbah Serbuk Gergajian Kayu Jati (*Tectona grandis*) dan Kayu Melinjo (*Gnetum gnemon*) untuk produksi Xilitol dan Khamir *Candida fukuyamaensis* UICC Y-247, Skripsi, Universitas Indonesia.
- Rude, E.F., 2007, *Evaluation Of Coupling Mechanisms In Wood Plastic Composites*, Washington State University
- Sandhaas et al, 2013, "Embedment Tests Parallel-to-Grain and Ductility Aspects Using Various Wood Species" European Journal of Wood and Wood Products 71 (5), pp. 599–608
- Santos et al, 2010, *A Comparison Between the EN 383 and ASTM D5764 Test Methods for Dowel-Bearing Strength Assessment of Wood: Experimental and Numerical Investigations*, Universidade de Trás-os-Montes e Alto Douro
- Segerholm, K., 2012a. *Characteristics of Wood Plastic Composite Based on Modified Wood -Moisture Resistance, Biological Resistance and Micromorphology*. KTH Royal Institute of Technology, pp 1-66
- Sidharta, Andre, 2011, *Wood Plastic Composites (WPCs) as an Alternative to Solid Lumber*, Bachelor's Thesis, The University Of British Columbia ,Vancouver
- Stark, Nicole M., and Robert E. Rowlands, 2002, "Effects of Wood Fiber Characteristics on Mechanical Properties of Wood/Polypropylene Composites." 35. Madison,
- Tangram Technology Ltd. "Wood Plastic Composites A Technical Review of Materials, Processes and Application." Hitchin: 2002. Print.
- Rammer, D.R., 1999, *Effect Of Moisture Content On Dowel-Bearing Strength*, USDA Forest Service

- Wilkinson, T.L., 1991: *Dowel Bearing Strength. Research Paper FPL-RP-505, Forest Products Laboratory, USDA, Madison, WI, 9 Pp.*
- Yakass, Dorothy, 2015, *Preparation And Characterization Of Wood Plastic Composites Using Recycled (LDPE/HDPE) Plastic And Sawdust*, Master's Thesis. Kwame Nkrumah University of Science and Technology
- Zhou, T., Guan, Z., 2006: *Review Of Existing And Newly Developed Approaches To Obtain Timber Embedding Strength. Progress In Structural Engineering And Materials* 8(2): 49-67