

DAFTAR PUSTAKA

- Amran, M, Fediuk, R, Murali, G, Vatin, N, Karelina, M, Ozbakkaloglu, T, Krishna, RS, Kumar, AS, Kumar, DS, & Mishra, J 2021, 'Rice husk ash-based concrete composites: A critical review of their properties and applications', *Crystals*, Vol. 11, No. 2, pp. 1–33.
- António, J, Tadeu, A, Marques, B, Almeida, JAS, & Pinto, V 2018, 'Application of rice husk in the development of new composite boards', *Construction and Building Materials*, Vol. 176, pp. 432–439.
- Arif, S, Irawan, D, & Jainudin, M 2019, 'Karakteristik Sifat Mekanis Disk Pad Komposit Serbuk Kayu Jati – Polyester', *Seminar Nasional Teknologi dan Rekayasa*, pp. 169–176.
- ASTM E 1050 1998, 'Standard test method for impedance and absorption of acoustical materials using a tube, two microphones and a digital frequency analysis system', *American Society for Testing of Materials*, , No. C, pp. 1–12.
- Axelsson, L, Franzén, M, Ostwald, M, Berndes, G, Lakshmi, G, & Ravindranath, NH 2012, 'Perspective: Jatropha cultivation in southern India: Assessing farmers' experiences', *Biofuels, Bioproducts and Biorefining*, Vol. 6, No. 3, pp. 246–256.
- Bakri, Gunawan, E, & Sanusi, D 2006, 'SIFAT FISIK DAN MEKANIK KOMPOSIT KAYU SEMEN-SERBUK GERGAJI Physical and Mechanical Properties of Sawdust- Cement Wood Composite', *Perennial*, Vol. 2, No. 1, pp. 38–41.
- Banowati, L, Prasetyo, WA, & Gunara, DM 2017, 'Analisis Perbandingan Kekuatan Tarik Orientasi Unidirectional 0° DAN 90° dan Pada Struktur Komposit Serat Mendong Dengan Menggunakan Epoksi Bakelite Epr 174', *Infomatek*, Vol. 19, No. 2, p. 57.
- Boubel, A, Garoum, M, Bousshine, S, & Bybi, A 2021, 'Investigation of loose wood chips and sawdust as alternative sustainable sound absorber materials', *Applied Acoustics*, Vol. 172, p. 107639, Elsevier Ltd, , <https://doi.org/10.1016/j.apacoust.2020.107639>.
- Buratti, C, Belloni, E, Lascaro, E, Merli, F, & Ricciardi, P 2018, 'Rice husk panels for building applications: Thermal, acoustic and environmental characterization and comparison with other innovative recycled waste materials', *Construction and Building Materials*, Vol. 171, pp. 338–349, Elsevier Ltd, , <https://doi.org/10.1016/j.conbuildmat.2018.03.089>.
- Cahyandari, D, R, HS, Soekrisno, & Kusmono 2010, 'Pengaruh Fraksi Volume Serat Terhadap Kekuatan Tarik dan Lentur Komposit Resin Berpenguat Serbuk Kayu', *Pengaruh Fraksi Volume Serat Terhadap Kekuatan Tarik dan Kekuatan Impak Biokomposites Selulose Bakteria-sirlak*, Vol. 1, pp. 59–64.
- Cahyono, ESH 2010, *Noise Absorption Coefficient Komposit Jerami Padi Dengan Matrik Alami*, Yogyakarta.

- Cao, L, Fu, Q, Si, Y, Ding, B, & Yu, J 2018, 'Porous materials for sound absorption', *Composites Communications*, Vol. 10, No. May, pp. 25–35, Elsevier, , <https://doi.org/10.1016/j.coco.2018.05.001>.
- Çelikel, DC & Babaarslan, O 2017, 'Effect of bicomponent fibers on sound absorption properties of multilayer nonwovens', *Journal of Engineered Fibers and Fabrics*, Vol. 12, No. 4, pp. 15–25.
- Chanlert, P & Ruamcharoen, P 2021, 'Sound absorption properties of rigid polyurethane foam composites with rubber-wood sawdust as a natural filler', *Journal of Physics: Conference Series*, Vol. 1719, No. 1.
- Diharjo, K 2006, 'Kajian pengaruh teknik pembuatan lubang terhadap kekuatan tarik komposit', , Vol. 11, No. 1, pp. 55–64.
- Eryani, Aprilia, S, & Mulana, F 2018, 'Karakterisasi Bionanofiller Dari Limbah Padi Sebagai Alternatif Penguatan Pada Polimer Komposit', *Jurnal Serambi Engineering*, Vol. 3, No. 2, pp. 338–347.
- Fatkhurrohman, MA 2013, 'Tingkat Redam Bunyi Suatu Bahan (Triplek, Gypsum dan Styrofoam)', *Jurnal fisika*, Vol. 3, No. 2, pp. 138–143.
- Fauziah, ., Wahyuni, D, & Lapanoro, BP 2014, 'Analisis Sifat Fisik dan Mekanik Papan Partikel Berbahan Dasar Sekam Padi', *Positron*, Vol. 4, No. 2, pp. 60–63.
- Haisah, S 2015, *Koefisien Absorpsi Limbah Bulu Ayam Pengisi Panel Dinding Akustik*, thesis, Universitas Hasanuddin.
- Hidayat, M 2017, *Pemanfaatan Limbah Serbuk Kayu Sebagai Campuran Polyurethane Pada Insulasi Palka Kapal Ikan Tradisional*, Surabaya.
- Kardiman, K, Marno, M, & Sumarjo, J 2018, 'Analisis Sifat Mekanik Terhadap Bentuk Morfologi Papan Komposit Sekam Padi Sebagai Material Alternatif Pengganti Serat Kaca', *JRST (Jurnal Riset Sains dan Teknologi)*, Vol. 2, No. 1, p. 21.
- Kencanawati, CIPK 2017, *Bahan Ajar Mata Kuliah Akustik, Noise dan Material Penyerap Suara*, Denpasar.
- Krisdianto, A 2016, *Karakteristik Komposit Serbuk Kayu Jati Dengan Fraksi Volume 25%, 30%, 35% Terhadap Uji Bending, Uji Tarik dan Daya Serap Bunyi Untuk Dinding Peredam Suara*, Surakarta, , [ftp://175.45.187.195/Titipan-Files/BAHAN WISUDA PERIODE V 18 MEI 2013/FULLTEKS/PD/lovita meika savitri \(0710710019\).pdf](ftp://175.45.187.195/Titipan-Files/BAHAN WISUDA PERIODE V 18 MEI 2013/FULLTEKS/PD/lovita meika savitri (0710710019).pdf).
- Liu, R, Hou, L, Zhou, W, & Chen, Y 2020, 'Design, fabrication and sound absorption performance investigation of porous copper fiber sintered sheets with rough surface', *Applied Acoustics*, Vol. 170, p. 107525, Elsevier Ltd, , <https://doi.org/10.1016/j.apacoust.2020.107525>.
- Marques, B, António, J, Almeida, J, Tadeu, A, de Brito, J, Dias, S, Pedro, F, & Sena, JD 2020, 'Vibro-acoustic behaviour of polymer-based composite materials produced with rice husk and recycled rubber granules', *Construction and Building Materials*, Vol. 264, p. 120221, Elsevier Ltd, , <https://doi.org/10.1016/j.conbuildmat.2020.120221>.
- Nana Nasuha, C & Fikri dan Ahmad Rizal, A 2020, 'Pengaruh Panjang Serat Jerami Terhadap Tegangan Tarik Pada Komposit Untuk Aplikasi Mobil Listrik', *Jurnal Fakultas Teknik*, Vol. 1, No. 1, pp. 5–8.

- Nayiroh, N 2013, 'Material Komposit handbook', , pp. 1–22.
- Neithalath, N, Marolf, A, Weiss, J, & Olek, J 2005, 'Modeling the influence of pore structure on the acoustic absorption of enhanced porosity concrete', *Journal of Advanced Concrete Technology*, Vol. 3, No. 1, pp. 29–40.
- Ngafwan, N 2017, 'Pemanfaatan Limbah Sekam Padi Untuk Pembuatan Komposit Hambat Panas Menggunakan Matrik Resin', *Media Mesin: Majalah Teknik Mesin*, Vol. 7, No. 1, pp. 17–23.
- Novak, C, Ule, H, & Kunio, J 2011, 'Comparative Study of the ASTM E1050 Standard for Different Impedance Tube Lengths', *Noise-Con 2011*, p. 9.
- Oroh, J, Ir. Frans. P. Sappu, M., & Romels Luminantang, S.T., M. 2013, 'Rawlings'.
- Puja, IGK 2011, 'Studi Kekuatan Tarik dan Koefisien Gesek Bahan Komposit Arang Limbah Serbuk Gergaji Kayu Jati Dengan Matrik Epoxy', , Vol. 9, pp. 320–323.
- Putro, LDS 2011, *Sifat Fisis dan Mekanis Komposit Partikel Arang Sekam PADI Dengan Matrik Epoksi*, Yogyakarta.
- Qui, H & Enhui, Y 2018, 'Effect of Thickness, Density and Cavity Depth on the Sound Absorption Properties of Wool Boards', *Autex Research Journal*, Vol. 18, No. 2, pp. 203–208.
- Rodiawan, R, Suhdi, S, & Rosa, F 2017, 'Analisa Sifat-Sifat Serat Alam Sebagai Penguat Komposit Ditinjau Dari Kekuatan Mekanik', *Turbo : Jurnal Program Studi Teknik Mesin*, Vol. 5, No. 1, pp. 39–43.
- Rominiyi, OL, Adaramola, BA, Ikumapayi, OM, Oginni, OT, & Akinola, SA 2017, 'Potential Utilization of Sawdust in Energy, Manufacturing and Agricultural Industry; Waste to Wealth', *World Journal of Engineering and Technology*, Vol. 05, No. 03, pp. 526–539.
- Saidah, A, Susilowati, SE, Harini, & Nofendri, Y 2018, 'Analisa Perbandingan Kekuatan Tarik Dan Impak Komposit Serat Jerami Padi Polyester Dengan Komposit Serat Jerami Padi Epoxy Dengan Metode Hand Lay Up', *Prosiding Seminar Nasional Aplikasi Sains & Teknologi*, , No. September, pp. 291–298.
- Saptari, SA, Sanjaya, E, & Ghufuran, AI 2016, 'Pengujian Tingkat Kekerasan Bahan Komposit Serbuk Kayu Dengan Matrik Resin Epoksi', , Vol. 9, pp. 74–80.
- Tiuc, AE, Borlea, SI, Nemeş, O, Vermeşan, H, Vasile, O, Popa, F, & Pinto, R 2022, 'New Composite Materials Made from Rigid/Flexible Polyurethane Foams with Fir Sawdust: Acoustic and Thermal Behavior', *Polymers*, Vol. 14, No. 17, pp. 1–21.
- Tran, DT, Nguyen, ST, Do, ND, Thai, NNT, Thai, QB, Huynh, HKP, Nguyen, VTT, & Phan, AN 2020, 'Green aerogels from rice straw for thermal, acoustic insulation and oil spill cleaning applications', *Materials Chemistry and Physics*, Vol. 253, p. 123363, Elsevier B.V., , <https://doi.org/10.1016/j.matchemphys.2020.123363>.
- Ummah, H, Suriamihardja, DA, Selitung, M, & Wahab, AW 2014, 'Analisis Sekam Padi Menggunakan SEM Sebagai Pelat Absorber Air LAut Menjadi Air Bersih', *J. Sains & Teknologi*, Vol. 3, No. 2, pp. 135–141.

- Umrisu, ML, Pingak, RK, & Johannes, AZ 2018, 'Pengaruh Komposisi Sekam Padi Terhadap Parameter Fisis Briket Tempurung Kelapa', *Jurnal Fisika : Fisika Sains dan Aplikasinya*, Vol. 3, No. 1, pp. 37–42.
- Widodo, B 2008, 'Analisa Sifat Mekanik Komposit Epoksi dengan Penguat Serat Pohon Aren (Ijuk) Model Lamina Berorientasi Sudut Acak (Random)', *Jurnal Teknologi Technoscientia*, Vol. 1, No. 1, pp. 1–5.