

DAFTAR PUSTAKA

- Aminah, Mien (2007). *Agribisnis Tanaman Rami*. Penebar Swadaya, Jakarta, ISBN 9790020570
- Arenas, J. P. (n.d.). *Recent Trends in Porous Sound-Absorbing Materials*.
- Asikala, L. S. (n.d.). *Development of Natural Fiber Nonwovens for Application as Car Interiors for Noise Control*. 39(3), 267–278.
<https://doi.org/10.1177/1528083709347124>
- Berardi, U., & Iannace, G. (2015). Acoustic characterization of natural fibers for sound absorption applications. *Building and Environment*.
<https://doi.org/10.1016/j.buildenv.2015.05.029>
- Caecilia, R., Papricilia, M., Sudjarwo, P., Buntoro, J., Akustik, L., & Suara, M. P. (n.d.). *Kemampuan peredaman suara dalam ruang genset dinding bata dilapisi dengan variasi peredam yumen*. 1–8.
- Chan, When Shan, 2012. Study of Flexible Polyurethane Foams Reinforced with Coir Fibres and Tyre Particle. *International Journal of Applied Physics and Mathematics*, Vol. 2, No. 2, March 2012
- Eriningsih, R., Widodo, M., & Marlina, R. (2014). Pembuatan Dan Karakterisasi Peredam Suara Dari Bahan Baku Serat Alam. In *Arena Tekstil* (Vol. 29).
<https://doi.org/10.31266/at.v29i1.838>
- Farid, M., T. Heriyanto, 2013. Correlation of Normal Incidence Sound Absorption Coefficient (NAC) and Random Incidence Sound Absorption Coefficient (RAC) of Polyester/Ramie
Fibre Composite Materials, Advance Material Research, Vol.789, pp.269-273.
- Farid, M., H. Ardhyanta, V. M. Pratiwi, S. P Wulandari, 2015. Correlation between Frequency and Sound Absorption Coefficient of Polymer Reinforced Natural Fibre. *Advanced Materials Research*. Vol.1112, pp. 329-332.
- Fatkhurrohman, M. A., & Supriyadi. (2013). Tingkat Redam Suara Suatu Bahan (Triplek, Gypsum DAN Styrofoam). *Jurnal Fisika*, 3(2), 138–143.
- Fisik, S., Pembuatan, P., Ahaddin, E. E., Farid, M., Pratiwi, V. M., Teknik, J., & Industri, F. T. (2016). *Analisa Pengaruh Fraksi Massa Terhadap Kekuatan Komposit Poliuretan / Serat Bambu Betung dengan Metode Hand Lay-up Untuk Aplikasi Door Panel Mobil*. 5(2).

- Garcia, D. A., Regan, S., Crowther, M., & Hylek, E. M. (2006). The risk of hemorrhage among patients with warfarin-associated coagulopathy. *Journal of the American College of Cardiology*, 47(4), 804–808. <https://doi.org/10.1016/j.jacc.2005.09.058>
- Ghozali, M., Saputra, A. H., & Triwulandari, E. (2014). *Jurnal Sains Materi Indonesia TANPA MELALUI TAHAP PREPOLIMER POLIURETAN Bahan dan Alat*. 15(4), 208–213.
- Goines L, Hagler L. (2007). *Noise pollution: a modern plague*. Neonatal Intensive Care Unit, Alta Bates Summit Medical Center, Berkeley, CA, USA.
- Hidayat, A. D. S., Farid, M., & Wibisono, A. T. (2017). Karakterisasi Morfologi Sifat Akustik Dan Sifat Fisik Komposit Polypropylene Berpenguat Serat Dendrocalamus Asper Untuk Otomotif. *Jurnal Teknik ITS*, 6(2). <https://doi.org/10.12962/j23373539.v6i2.25275>
- Howard M David, dan Angus S A Jamie. 2009. *Acoustic and Psychoacoustic* 4th Edition. Oxford United Kingdom : Focal press is an imprint of Elsevier.
- Irwan, 2013. *Gelombang Bunyi*. Jakarta : Elida press
- Lee, Y. E., & Joo, C. W. (2003). *Sound Absorption Properties of Thermally Bonded Nonwovens Based on Composing Fibers and Production Parameters*. 1(1).
- Li, Y. (2013). *Journal of Filler Plastics and Composites*. <https://doi.org/10.1177/0731684413488461>
- Lu, Y., Weng, L., & Cao, X. (2006). *Morphological , thermal and mechanical properties of ramie crystallites — filler plasticized starch biocomposites*. 63, 198–204. <https://doi.org/10.1016/j.carbpol.2005.08.027>
- Mesin, J. T., & Teknik, F. (n.d.). *Komposit Laminat Rami Epoksi Sebagai Bahan Alternatif Socket Prosthesis*. 41–45.
- Moretti, E., Belloni, E., & Agosti, F. (2016). Innovative mineral fiber insulation panels for buildings : Thermal and acoustic characterization. *APPLIED ENERGY*, 169, 421–432. <https://doi.org/10.1016/j.apenergy.2016.02.048>
- Mulyawan, A. S., Wibi Sana, A., & Kaelani, Z. (2015). Identification of Physical and Thermal Properties of. *Arena Tekstil*, 30(1), 75–82.
- Nabilla Shabrina.,Moh. Farid., Vania Mitha Pratiwi,(2016) Koefisienabsorpsi Suara Dan Struktur Morfologi Komposit Berpenguat Serat Rami Dan Bambu Betung Dengan Matriks Gypsum Untuk Aplikasi Otomotif., Jurusan Teknik

Material Dan Metalurgi Fakultas Teknologi Industri Institut Teknologi
Sepuluh Nopember Surabaya

Nader Mohamed, Salem Hadim, Jameela Al-Jaroodi. (2006) *Middleware Issues and Approaches for Mobile Ad hoc Networks*, Department of Electrical and Computer Engineering Stevens Institute of Technology, Hoboken, NJ 07030, USA

Noerati dkk. (2013). *Bahan Ajar Pendidikan dan Latihan Profesi Guru (PLPG) Teknologi Tekstil*. Bandung, Sekolah Tinggi Teknologi Tekstil.

Novarini, E., & Sukardan, M. D. (2018). Potensi Serat Rami (*Boehmeria Nivea S. Gaud*) Sebagai Bahan Baku Industri Tekstil Dan Produk Tekstil Dan Tekstil Teknik. *Arena Tekstil*, 30(2), 113–122.
<https://doi.org/10.31266/at.v30i2.1984>

Okpala, D.C. 1990, "Palm Kernel Shell as a Lightweight Aggregate in Concrete. *Building and Environment*, Vol, 25, No. 2 pp. 291-296

Ozturk, M.K., Neng, B.U., Candan, C. (2010) 'A Study on the Influence of Fabric Structure on Sound Absorption Behavior of Spacer Knitted Structures', in International Conference - TEXSCI Technical University. Istanbul, Turkey: Department of Textile Engineering, pp. 6–8.

Padhye, R (eds). 2016. *Textile Science and Clothing Technology*. Singapore: Springer Science+Business Media Singapore.

Patnaik, A., Mvubu, M., Muniyasamy, S., Botha, A., & Anandjiwala, R. D. (2015). Thermal and sound insulation materials from waste wool and recycled polyester fibers and their biodegradation studies. *Energy & Buildings*, 92, 161–169. <https://doi.org/10.1016/j.enbuild.2015.01.056>

Purwati, R. D. (2010). Strategi Pengembangan Rami (*Boehmeria nivea Gaud .*). *Prespektif*, 9(2), 106–118.

Robert R Franck (2005), *Bast and Other Plant Fiber*, Woodhead Publishing Limited, Abington Hall, Abington, Cambridge CB1 6AH, England

Rusjadi, D., Palupi, M. R., Metrologi, S., Kompleks, P. K., Setu, P., Muharrisa, R., ... Dpu. (2011). Analisa efektifitas material campuran beton dalam meredam suara berdasarkan pada Noise Reduction (NR). Sumber suara untuk aplikasi nyata nantinya dilapangan adalah dengan menggunakan Truck at 20 feet (Intensi. *Jurnal Inovasi Fisika Indonesia*, 2(1), 3–10.

- Russell, S. J .2007. *Handbook of nonwovens*, Woodhead Publishing Ltd. United Kingdom.
- Santoso, B. (2005). *Nilai Tambah Rami (Boehmeria nivea Gaud)*. 350–357.
- Serap, K., Ampas, B., Sebagai, T., Peredam, B., Puspitarini, Y., S, F. M. A., ... Alam, P. (2013). *Suara*. 96–100.
- Setiawan, A., Santoso, E., & Kusuma, G. E. (2018). *Pemanfaatan Limbah Fiber Kelapa Sawit Sebagai Komposit Dengan Matriks Resin Epoksi*. 1509, 95–98.
- Sultoni, Yusuf dan Moh. Farid. 2015. Pengaruh Proses Alkali Dan Fraksi Massa Serat Terhadap Morfologi, Kekuatan Lentur Dan Koefisien Absorpsi Suara Komposit Polyurethane/Coir Fiber Pada Komponen Muffler .Tugas Akhir Jurusan Teknik Material dan Metalurgi ITS Surabaya.
- Syafri, E., Kasim, A., Abral, H., Asben, A., & Sudirman, S. (2018). Pembuatan Dan Karakterisasi Komposit Bioplastik Berbasis Filler Cellulose Micro Fibers Rami. *Jurnal Sains Materi Indonesia*, 19(2), 66. <https://doi.org/10.17146/jsmi.2018.19.2.4146>
- Tang, X., & Yan, X. (2017). Acoustic Energy Absorption Properties of Fibrous Materials : A Review. *Composites Part A*, (July). <https://doi.org/10.1016/j.compositesa.2017.07.002>
- Thamrin, S., Tongkukut, S. H. J., & As'ari. (2013). Koefisien Serap Suara Papan Partikel Dari Bahan Serbuk Kayu Kelapa. *Jurnal Mipa Unsrat*, 2(1), 56–59.
- Trisiana, L S., T. Maideliza., dan R. Maryeni. 2016. Kualitas Serat Lima Klon Tanaman Rami (Boehmeria Nivea L.Gaud). EKSAKTA Vol. 1 Tahun XVII Februari 2016.
- Xia, Z., Yao, C., Zhou, J., Ye, W., & Xu, W. (2015). Comparative study of cotton, ramie and wool fiber bundles' thermal and dynamic mechanical thermal properties. *Textile Research Journal*, 86(8), 856–867. <https://doi.org/10.1177/0040517515596937>