

DAFTAR PUSTAKA

- [1] J. William D. Callister, *Materials Science and Engineering: An Introduction*, 7th ed. New York: John Wiley & Sons, Inc, 2007.
- [2] D. Chandra, R. Mulia, and D. Gasni, "METAL : Jurnal Sistem Mekanik dan Termal Pengaruh Fraksi Massa Serat Terhadap Kekuatan Fatik Material Komposit Berpenguat Serat Tandan Kosong Kelapa Sawit," vol. 02, pp. 61–69, 2018.
- [3] J. C. Williams and E. A. Starke, "Progress in structural materials for aerospace systems," *Acta Mater.*, vol. 51, no. 19, pp. 5775–5799, Nov. 2003, doi: 10.1016/j.actamat.2003.08.023.
- [4] H. Fahmi, "Analisa Kekerasan Dan Fracture Toughness," *Anal. Kekerasan Dan Fract. Toughness Alumina Diperkuat Serbuk Alum. Dan Tembaga*, vol. V, pp. 42–48, 2015.
- [5] J. Li, Y. Pan, C. Xiang, Q. Ge, and J. Guo, "Low temperature synthesis of ultrafine α -Al₂O₃ powder by a simple aqueous sol-gel process," *Ceram. Int.*, vol. 32, no. 5, pp. 587–591, Jan. 2006, doi: 10.1016/J.CERAMINT.2005.04.015.
- [6] A. T. Pramulista and H. Ardhyanta, "Pengaruh Penambahan Serbuk Aluminium Terhadap Sifat Mekanik Dan Konduktivitas Listrik Komposit Poli(dimetilsiloksan)/ Aluminium Sebagai Pelat Bipolar Polimer Elektrolit Membran Fuel Cell," vol. 1, no. 1, pp. 1–6, 2013.
- [7] K. Putri and A. P. Bayuseno, "Pengaruh Variasi Temperatur Penuangan Al-Si / Al₂O₃ Terhadap Sifat Mekanik Dan Struktur Mikro Material Sepatu Rem Menggunakan Pengecoran Hpdc," *J. Tek. Mesin*, vol. 1, no. 4, pp. 68–71, 2013.
- [8] W. Dianita and S. Pratapa, "Identifikasi Fasa pada Sintesis Al₂O₃ dengan Metode Logam-Terlarut Asam," *Sains Dan Seni Pomits*, vol. 3, no. 2, pp. 22–23, 2014.
- [9] Michael W. Hyer, "Stress Analysis of Fiber Reinforced Composite Materials." https://sarrami.iut.ac.ir/sites/sarrami.iut.ac.ir/files//files_course/08-stress_analysis_of_fiber_reinforced_composite_materials.pdf (accessed Sep. 20, 2021).
- [10] N. Nayiroh, "Teknologi Material Komposit. By: Nurun Nayiroh - PDF Free Download." <https://docplayer.info/29613422-Teknologi-material-komposit-by-nurun-nayiroh.html> (accessed Sep. 20, 2021).

- [11] A. M. Suwandi, *Kaji Eksperimental Kekuatan Lelah Pada Material Komposit Serat Daun Nanas Karena Beban Lentur Berulang Dengan Orientasi Serat 45 derajat dan 90 derajat* : 2019.
- [12] Rahmat Saptono, "Bab 5 polimer 5.1," *Bab 5 Polim.*, pp. 91–122, 2008.
- [13] H. Fahmi and H. Hermansyah, "Pengaruh Orientasi Serat pada Komposit Resin Polyester/Serat Daun Nenas Terhadap Kekuatan Tarik," vol. 1, no. 1, pp. 46–52, 2011.
- [14] A. A. Rosyadi, "Pengaruh Kadar Partikel Aditif Montmorillonite Terhadap Sifat Mekanik Siklus Termal Komposit Polyester-Serat Kayu Kopi," vol. 01, pp. 15–22, 2016.
- [15] I. M. Astika, "Karakteristik Lelah Chopped Strand Mat / Polyester Composite," vol. 3, no. 2, pp. 150–156, 2009.
- [16] H. J. M. Alalkawi, A. A. Hamdany, and A. A. Alasadi, "Influence of Nanoreinforced Particles (Al_2O_3) on Fatigue Life and Strength of Aluminium Based Metal Matrix Composite," *Al-Khwarizmi Eng. J.*, vol. 13, no. 3, pp. 91–99, 2017, doi: 10.22153/kej.2017.03.005.
- [17] Rusnoto and Soebyakto, *Studi Penambahan Serbuk Alumina Pada Kerapatan/Densitas Komposit Matrik Epoksi*. Tegal: Universitas Pancasakti Tegal, 2020.
- [18] G. Heryson, "Pemilihan Bahan dan Proses." https://www.academia.edu/5321144/PEMI_ILIHAN_BAH_HAN (accessed Oct. 10, 2021).
- [19] "Oxide Ceramics – Aluminum Oxide (Al_2O_3)." https://www.ceramtec-industrial.com/en/materials/aluminum-oxide?gclid=Cj0KCQjw-4SLBhCVARIsACrhWLXoLw_c7Qs9PtKgKTeGs8fmda5626tiYpSrQxNHsIhyx1B-C9vRH-kaAryyEALw_wcB (accessed Oct. 10, 2021).
- [20] S. A. Mutasher, B. B. Sahari, A. M. S. Hamouda, and S. M. Sapuan, "Experimental Study of Bending Fatigue Characteristics of a Hybrid Aluminum/Composite Drive Shaft;," <http://dx.doi.org/10.1177/0021998307075440>, vol. 41, no. 18, pp. 2267–2288, Jul. 2016, doi: 10.1177/0021998307075440.
- [21] M. Deterioration and I. E. Reliability, *Practical Plant Failure Analysis*. New York, 2007.