

DAFTAR PUSTAKA

- [1] R. F. Gibson, "Principles of Composite Material Mechanics," *Princ. Compos. Mater. Mech.*, 2007, doi: 10.1201/9781420014242.
- [2] A. K. Mohanty, M. and Misra, and G. I. Hinrichsen, "Biofibres, biodegradable polymers and biocomposites: An overview," *Macromol. Mater. Eng.*, vol. 276, no. 1, pp. 1–24, 2000.
- [3] S. Of and E. Crops, "No Title".
- [4] A. M. H. S. Lubis *et al.*, "Mechanical Properties of Oil Palm Frond Wood Filled Thermoplastic Polyurethane," vol. 13, no. May, pp. 255–266, 2020.
- [5] C. Pramono, S. Widodo, and M. G. Ardiyanto, "Karakteristik Kekuatan Tarik Komposit Berpenguat Serat Ampas Tebu Dengan Matriks Epoxy," *J. Mech. Eng.*, vol. 3, no. 1, pp. 1–7, 2019, doi: 10.31002/jom.v3i1.1442.
- [6] W. Liu, L. T. Drzal, A. K. Mohanty, and M. Misra, "Influence of processing methods and fiber length on physical properties of kenaf fiber reinforced soy based biocomposites," *Compos. Part B Eng.*, vol. 38, no. 3, pp. 352–359, 2007.
- [7] M. M. Nadeem, M. Sayem, N. Saba, A. Safwan, and M. Jawaidd, "Effect of kenaf and oil palm fibers on the mechanical , physical and morphological properties of the bio-epoxy hybrid composites," *J. Mater. Res. Technol.*, vol. 38, no. May, pp. 3472–3481, 2025, doi: 10.1016/j.jmrt.2025.08.180.
- [8] S. Kalia *et al.*, "Cellulose-based bio-and nanocomposites: a review," *Int. J. Polym. Sci.*, vol. 2011, no. 1, p. 837875, 2011.
- [9] M. Z. Al Mahmud, S. M. F. Rabbi, M. D. Islam, and N. Hossain, "Synthesis and applications of natural fiber-reinforced epoxy composites: A comprehensive review," *SPE Polym.*, vol. 6, no. 1, p. e10161, 2025.
- [10] F. A. K. Nasution, "Penyelidikan Karakteristik Mekanik Tarik Komposit Serbuk Kasar Kenaf," *J. Inotera*, vol. 2, no. 1, pp. 1–8, 2017.
- [11] N. P. Lestari, "Analisis Pengaruh Oientasi Serat dan Komposisi terhadap

- Kuat Tarik dan Modulus Elastisitas Komposit Serat Sabut Kelapa,” pp. 1–7, 2018.
- [12] N. Nayiroh, “Teknologi material komposit,” *Univ. Islam Negeri Maulana Malik Ibrahim Malang*, 2013.
- [13] D. E. N. Siagian, M. Hakiem, and S. Putra, “Serat Alam Sebagai Bahan Komposit Ramah Lingkungan Natural Fiber As an Environmentally Friendly Composite Material,” *CIVeng*, vol. 5, no. 1, pp. 55–60, 2024, [Online]. Available: <http://jurnalnasional.ump.ac.id?index.php/civeng>
- [14] S. Hastuti, H. S. Budiono, D. I. Ivadiyanto, and M. N. Nahar, “Peningkatan Sifat Mekanik Komposit Serat Alam Limbah Sabut Kelapa (Cocofiber) yang Biodegradable,” *Reka Buana J. Ilm. Tek. Sipil dan Tek. Kim.*, vol. 6, no. 1, pp. 30–37, 2021, doi: 10.33366/rekabuana.v6i1.2257.
- [15] R. V. Patel, A. Yadav, and J. Winczek, “Physical, Mechanical, and Thermal Properties of Natural Fiber-Reinforced Epoxy Composites for Construction and Automotive Applications,” *Appl. Sci.*, vol. 13, no. 8, 2023, doi: 10.3390/app13085126.
- [16] D. P. Sari and M. Mora, “Pengaruh Komposisi Tempurung Kelapa, Ampas Tebu, dan Perkat Resin Epoksi terhadap Sifat Fisis dan Mekanis Papan Partikel,” *J. Fis. Unand*, vol. 9, no. 2, pp. 264–269, 2020, doi: 10.25077/jfu.9.2.264-269.2020.
- [17] M. Z. Al Mahmud, S. M. F. Rabbi, M. D. Islam, and N. Hossain, “Synthesis and applications of natural fiber-reinforced epoxy composites: A comprehensive review,” *SPE Polym.*, vol. 6, no. 1, pp. 1–19, 2025, doi: 10.1002/pls2.10161.
- [18] A. E3-95, “Standard practice for preparation of metallographic specimens,” *Annu. B. ASTM Stand. Vol*, vol. 3, pp. 1–8, 1995.