

## DAFTAR PUSTAKA

- [1] Y. Aji Nugroho and M. Fajar Sidiq, "Study Sifat Mekanik Komposit Matrik Polyester Yang Diperkuat Serat Bambu Tali Dan Serbuk Kayu Jati," *Engineering: Jurnal Bidang Teknik*, vol. 11, no. 2, p. 1, 2015.
- [2] D. Chandra, R. Mulia, D. Gasni, and G. Gusriwandi, "Pengaruh Fraksi Massa Serat Terhadap Kekuatan Fatik Material Komposit Berpenguat Serat Tandan Kosong Kelapa Sawit," *METAL: Jurnal Sistem Mekanik dan Termal*, vol. 2, no. 2, p. 61, 2018, doi: 10.25077/metal.2.2.61-69.2018.
- [3] A. Mu'aazar Habibie and A. B. Widodo, "Pemanfaatan Limbah Serat dari Pelepas Pisang sebagai Inovasi Bahan Komposit Laminasi Kapal Kayu," *Jurnal Jaring SainTek*, vol. 4, no. 1, pp. 1–8, 2022, [Online]. Available: <http://ejurnal.ubharajaya.ac.id/index.php/jaring-saintek>
- [4] D. Murdiyanto, "Potensi Serat Alam Tanaman Indonesia Sebagai Bahan Fiber Reinforced Composite Kedokteran Gigi," *Jurnal Material Kedokteran Gigi*, vol. 6, no. 1, p. 14, 2017, doi: 10.32793/jmkg.v6i1.260.
- [5] A. Kadir, A. Aminur, and M. Aminur, "Pengaruh Pola Anyaman Terhadap Kekuatan Tarik Dan Bending Komposit Berpenguat Serat Bambu," *Dinamika : Jurnal Ilmiah Teknik Mesin*, vol. 6, no. 1, pp. 9–18, 2015, doi: 10.33772/djitm.v6i1.262.
- [6] R. C. A. Lumintang, R. Soenoko, and S. Wahyudi, "Komposit Hibrid Polyester Berpenguat Serbuk Batang dan Serat Sabut Kelapa," *Jurnal Rekayasa Mesin*, vol. 2, no. 2, pp. 145–153, 2011.
- [7] S. A. N. Mohamed, E. S. Zainudin, S. M. Sapuan, M. D. Azaman, and A. M. T. Arifin, *Introduction to Natural Fiber Reinforced Vinyl Ester and Vinyl Polymer Composites*. Elsevier Ltd, 2018. doi: 10.1016/B978-0-08-102160-6.00001-9.
- [8] S. B. Schröpfer *et al.*, "Biodegradation evaluation of bacterial cellulose, vegetable cellulose and poly (3-hydroxybutyrate) in soil," *Polimeros*, vol. 25, no. 2, pp. 154–160, 2015, doi: 10.1590/0104-1428.1712.
- [9] R. Kartini, H. Darmasetiawan, A. K. Karo, and Sudirman, "Pembuatan dan Karakterisasi Komposit Polimer Berpenguat Serat Alam," *Jurnal Sains Materi Indonesia*, vol. 3, no. 3, pp. 30–38, 2002.
- [10] A. Wahyu P, D. Djumhariyanto, and Sumarji, "Pengaruh Variasi Panjang Serat dan Variasi Fraksi Volume Terhadap Kekuatan Mekanik Material Komposit," *Artikel Ilmiah Hasil Penelitian Mahasiswa*, pp. 1–4, 2014.

- [11] H. Fahmi and H. Hermansyah, "Pengaruh Orientasi Serat Komposit Resin Polyester/Serat Daun Nenas Terhadap Kekuatan Tarik," *Institut Teknologi Padang*, vol. 1, no. 1, pp. 46–52, 2011.
- [12] H. Yudo and S. Jatmiko, "Analisa Teknis Kekuatan Mekanis Material Komposit Berpenguat Serat Ampas Tebu (Baggase) Ditinjau Dari Kekuatan Tarik Dan Impak," *Kapal*, vol. 5, no. 2, pp. 95–101, 2012.
- [13] Z. Al-Fa'izah, Y. C. Rahayu, and N. Hikmah, "Pengaruh Kadar Partikel Aditif Montmorillonite Terhadap Sifat Mekanik-Siklus Thermal Komposit Polyester Serat Kenaf Anyam," *Digital Repository Universitas Jember*, vol. 3, no. 3, pp. 69–70, 2017.
- [14] A. Budiman and Sugiman, "Karakteristik Sifat Mekanik Komposit Serat Bambu Resin," *Dinamika Teknik Mesin*, vol. 6, no. 1, pp. 76–82, 2016.
- [15] G. Refiadi, N. Bayu, and H. Judawisastra, "Serat Bambu Petung (*Dendrocalamus asper*) Teralkalisasi sebagai Penguat Komposit Polimer," 2018, doi: 10.25269/jsel.v8i01.214.
- [16] Dedy Anjiu Leo and Erwin, "Upaya Peningkatan Kualitas Sifat Mekanik Komposit Polyester Dengan Serat Bundung (*Scirpus Grossus*)," *Positron*, vol. VI, no. 2, pp. 77–81, 2016.
- [17] H. Abral , "Improving impact, tensile and thermal properties of thermoset unsaturated polyester via mixing with thermoset vinyl ester and methyl methacrylate," *Polym Test*, vol. 81, p. 106193, 2020, doi: 10.1016/j.polymertesting.2019.106193.
- [18] S. Jaiswal, P. K. Dutta, S. Kumar, J. Koh, and S. Pandey, "Methyl methacrylate modified chitosan: Synthesis, characterization and application in drug and gene delivery," *Carbohydr Polym*, vol. 211, no. January, pp. 109–117, 2019, doi: 10.1016/j.carbpol.2019.01.104.
- [19] S. Kalia and S. Vashistha, "Surface Modification of Sisal Fibers (*Agave sisalana*) Using Bacterial Cellulase and Methyl Methacrylate," *J Polym Environ*, vol. 20, no. 1, pp. 142–151, 2012, doi: 10.1007/s10924-011-0363-8.
- [20] U. Ali, K. J. B. A. Karim, and N. A. Buang, "A Review of the Properties and Applications of Poly (Methyl Methacrylate) (PMMA)," *Polymer Reviews*, vol. 55, no. 4, pp. 678–705, 2015, doi: 10.1080/15583724.2015.1031377.
- [21] T. S. Hadi, S. Jokosisworo, and P. Manik, "Analisa Teknis Penggunaan Serat Daun Nanas Sebagai Alternatif Bahan Komposit Pembuatan Kulit Kapal Ditinjau Dari Kekuatan Tarik, Bending Dan Impact," *Jurnal Teknik Perkapalan*, vol. 4, no. 1, pp. 323–331, 2016.