

DAFTAR PUSTAKA

- [1] X. Meng, D. Zhang, P. Feng, J. Q. Zhai, and T. Q. Liu, "Flexural behavior of singly curved GFRP sandwich panel with polyurethane foam core," *Eng Struct*, vol. 314, Sep. 2024, doi: 10.1016/j.engstruct.2024.118389.
- [2] A. Nurrohmah *et al.*, "Experimental investigation of hybrid carbon-glass fiber / vinyl ester composite sandwich panels with Divinycell core for bending performance analysis with variation on bonding method," *Mater Lett*, vol. 377, Dec. 2024, doi: 10.1016/j.matlet.2024.137486.
- [3] E. Hozdić and E. Hozdić, "Comparative Analysis of the Influence of Mineral Engine Oil on the Mechanical Parameters of FDM 3D-Printed PLA, PLA+CF, PETG, and PETG+CF Materials," *Materials*, vol. 16, no. 18, Sep. 2023, doi: 10.3390/ma16186342.
- [4] D. D. Singh, A. R. Reddy, and S. Arjula, "Characterization Of Fused Deposition Modeling Of PLA+ And Carbon Fiber-Pla Components", doi: 10.21172/1.102.03.
- [5] M. Farsi, A. Asefnejad, and H. Baharifar, "A hyaluronic acid/PVA electrospun coating on 3D printed PLA scaffold for orthopedic application," *Prog Biomater*, vol. 11, no. 1, pp. 67–77, Mar. 2022, doi: 10.1007/s40204-022-00180-z.
- [6] Rafiandy El Furqon, "Pengaruh Konsentrasi Polycaprolactone Sebagai Post Treatment Terhadap Laju Degradasi Paduan Magnesium Az31b Yang Teroksidasi Untuk Aplikasi Biodegradable Orthopedic Devices," 2019.
- [7] A. Marsono and N. Luwis, "Karakteristik Mekanik Panel Honeycomb Sandwich Berbahan Komposit Fibreglass dengan Dimensi Cell-Pitch 40mm dan Cell-Height 30mm," vol. 3, no. 2, 2019.
- [8] J. ; D. A. Smith, "The Impact of Climate Change on Biodiversity." Accessed: May 16, 2025. [Online]. Available: <https://3dlaboratorio.es/eng/plastic-pla.htm>
- [9] J. Teknik Mesin and P. Manufaktur Negeri Bangka Belitung, "Optimasi Parameter Proses 3D Printing FDM Terhadap Akurasi Dimensi

Menggunakan Filament Eflex,” *Jurnal Teknologi Manufaktur*, vol. 11, no. 01, 2019.

- [10] Wahyudi Hafizi Pratama, “Optimasi Parameter Proses 3D Printing Terhadap Kuat Tarik Filamen PLA + Menggunakan Metode Taguchi,” 2021.
- [11] B. Elumalai, G. Chakravarthi, K. Giridharan, S. Padmanabhan, and B. Boopathi, “Property enhancement of 3D printed of timber waste/PLA composite by surface coating,” *Multidisciplinary Science Journal*, vol. 6, no. 3, 2024, doi: 10.31893/MULTISCIENCE.2024014.
- [12] X. Zhang *et al.*, “Thermomechanical properties of coated PLA-3D-printed orthopedic plate with PCL/Akermanite nano-fibers: Experimental procedure and AI optimization,” *Journal of Materials Research and Technology*, vol. 27, pp. 1307–1316, Nov. 2023, doi: 10.1016/j.jmrt.2023.09.215.
- [13] X. Chen, R. Wang, Z. Chu, L. Wu, Q. Wu, and G. Yu, “Bending and compressive properties of ultralight carbon fiber honeycomb sandwich beams via stretching process,” *European Journal of Mechanics, A/Solids*, vol. 109, Jan. 2025, doi: 10.1016/j.euromechs.2024.105460.
- [14] “Standard Test Method for Core Shear Properties of Sandwich Constructions by Beam Flexure 1.” [Online]. Available: www.astm.org,
- [15] “Test Method for Core Shear Properties of Sandwich Constructions by Beam Flexure,” Jul. 01, 2020, *ASTM International, West Conshohocken, PA*. doi: 10.1520/C0393_C0393M-20.

