

DAFTAR PUSTAKA

- Agarwal, B. D., Broutman, L. J., & Chandrashekhara, K. (2006). *Analysis and Performance of Fiber Composites* Third Edition.
- Aqila, N., Tanjib, S., Islam, N., Mostofa, G., Tasnim, N., & Bin, A. (2025). Results in Materials Design and development of motorcycle helmet using carbon fiber reinforced epoxy resin hybrid composite. *Results in Materials*, 26(March 2024), 100716. <https://doi.org/10.1016/j.rinma.2025.100716>
- ASTM D 3039/D 3039M* (Vol. 35, Issue 2). (2002).
- Barbero, E. J. (2013). *Finite Element Analysis of Composite Materials Using ANSYS*., Second Edition. In *Finite Element Analysis of Composite Materials Using ANSYS*., Second Edition.
- Beer, F. P. (2015). *Mechanics of Materials*.
- Callister, W. D., & Rethwisch, D. G. (2017). *Materials Science and Engineering*.
- Cook, R. D. (2002). *Concepts and Applications of Finite Element Analysis*.
- Daniel, I. M. (2006). *Engineering Mechanics of Composite Materials* .
- De, B., Bera, M., Bhattacharjee, D., Ray, B. C., & Mukherjee, S. (2024). A comprehensive review on fiber-reinforced polymer composites: Raw materials to applications, recycling, and waste management. *Progress in Materials Science*, 146(February), 101326. <https://doi.org/10.1016/j.pmatsci.2024.101326>
- E. Goerge, J. D. (1986). *Mechanical metallurgy*.
- Hull, D. Clyne, T. . (1996). *An Introduction to Composite Materials*.
- Kim, J., & Sham, M. (2000). Impact and delamination failure of woven-fabric composites. *Composites Science and Technology*, 60(5), 745–761. [https://doi.org/10.1016/S0266-3538\(99\)00166-9](https://doi.org/10.1016/S0266-3538(99)00166-9)
- Koundal, R., Khanduja, R., Sharma, A., & Singh, K. (2023). *Journal of Fibers and Polymer Composites*. 2(2), 67–80.
- Liu, X., Wang, B., Su, Q., Zuo, Q., & Song, X. (2023). *The Long-Term Interfacial Evolution and Prediction of Carbon- and Glass-Fiber-Reinforced Epoxy Hybrid Rods under a*.
- Madier, D. (2008). *Finite Element Analysis of Solids and Fluids*.

- Moaveni, S. (1999). *finite element analysis Theory and Application with ANSYS*.
- Naito, K. (2022). Static and fatigue tensile properties of carbon / glass hybrid fiber - reinforced epoxy composites. *Scientific Reports*, 0123456789, 1–14. <https://doi.org/10.1038/s41598-022-10245-5>
- Naresh, K., Shankar, K., Velmurugan, R., & Gupta, N. K. (2018). Statistical analysis of the tensile strength of GFRP, CFRP and hybrid composites. *Thin-Walled Structures*, 126(December 2016), 150–161. <https://doi.org/10.1016/j.tws.2016.12.021>
- Osa, N., Silberschmidt, V. V, & Demirci, E. (2024). Review on Mechanical Performance of Fibre - Reinforced Plastics in Marine Environments. *Applied Composite Materials*, 31(6), 1991–2018. <https://doi.org/10.1007/s10443-024-10247-8>
- Poopakdee, N., & Thammawichai, W. (2021). Improvement on cost-performance ratio of fiberglass/carbon fiber hybrid composite. *Journal of Metals, Materials and Minerals*, 31(1), 35–43. <https://doi.org/10.14456/jmmm.2021.5>
- Rajak, D. K., Pagar, D. D., Menezes, P. L., & Linul, E. (n.d.). *Fiber-Reinforced Polymer Composites* :
- Ruzuqi, R. (2020). *Tensile Strength Analysis of Polymer Composite Materials Fiber Reinforced in The Fiber boat Application*. 7(July).
- Sergueeva, A. V., Zhou, J., Meacham, B. E., & Branagan, D. J. (2009). Gage length and sample size effect on measured properties during tensile testing. *Materials Science and Engineering: A*, 526(1–2), 79–83. <https://doi.org/10.1016/j.msea.2009.07.046>
- Shahzad, A. (2011). *Journal of Reinforced Plastics and Composites*. <https://doi.org/10.1177/0731684411431123>
- Sockalingam, D. K. (2022). Effect of Fibre Orientation on Tensile Properties of Jutee Fibre Reinforced Composites. *Journal of Engineering & Technological Advances*, 7(2). <https://doi.org/10.35934/segi.v7i2.80>
- Sönmez, M., Pelin, C. E., Georgescu, M., Pelin, G., Stelescu, M. D., Nituica, M., Stoian, G., Alexandrescu, L., & Gurau, D. (2022). Unmanned Aerial Vehicles – Classification, Types of Composite Materials Used in Their

- Structure and Applications. *ICAMS Proceedings of the International Conference on Advanced Materials and Systems, December*, 77–82.
<https://doi.org/10.24264/icams-2022.I.11>
- Tagawa, T., & Miyata, T. (1997). Size effect on tensile strength of carbon fibers. *Materials Science and Engineering: A*, 238(2), 336–342.
[https://doi.org/10.1016/S0921-5093\(97\)00454-1](https://doi.org/10.1016/S0921-5093(97)00454-1)
- Teklal, F., Djebbar, A., Allaoui, S., Hivet, G., Joli, Y., & Kacimi, B. (2018). *A review of analytical models to describe pull-out behavior – Fiber / matrix adhesion*. 201(October 2017), 791–815.
<https://doi.org/10.1016/j.compstruct.2018.06.091>
- Timsina, R., & Barahmand, Z. (2022). *Mesh Sensitivity Analysis of an Entrained Flow Biomass Gasifier : A CPFD Study*.
- Wu, W. (2023). Tensile Failure Behaviors and Theories of Carbon/Glass Hybrid Interlayer and Intralayer Composites. *Coatings*, 13(4).
<https://doi.org/10.3390/coatings13040774>
- Wu, W., Wang, Q., & Li, W. (2018). Comparison of tensile and compressive properties of carbon/glass interlayer and intralayer hybrid composites. *Materials*, 11(7). <https://doi.org/10.3390/ma11071105>