

Daftar Pustaka

- Abdurohman, Kosim, & Marta, A. (2016). Kajian eksperimental tensile properties komposit poliester berpenguat serat karbon searah hasil manufaktur vacuum infusion sebagai material struktur LSU. *Jurnal Teknologi Dirgantara*, 14(1), 61-72.
- Agrawal, S. A. (2021). *Simplified Measurement of Density of Irregular Shaped Composites Material using Archimedes Principle by Mixing Two Fluids Having Different Densities*. Baroda: Maharaja Sayajirao University.
- Almiron, M. G., Medeiros, A. C., & Frery, A. C. (2010). On the Numerical Accuracy of Spreadsheets. In *JSS Journal of Statistical Software*, 34. <http://www.jstatsoft.org/>
- Ammar, A., Enizi, A. M., Maadeed, M. A. A., & Karim, A. (2016). Influence of Graphene Oxide on mechanical, morphological, barrier, and electrical properties of polymer membranes. In *Arabian Journal of Chemistry* 9(2) 274–286. Elsevier. <https://doi.org/10.1016/j.arabjc.2015.07.006>
- ASTM D2344: *Standard Test Method for Short Beam Strength of Polymer Matrix Composite Bahans and Their Laminates 1*. (n.d.). https://doi.org/10.1520/D2344_D2344M-13
- Barrillon, E. G. (2015). Hydrodynamics of Boats and Floats. *Aerodynamic Theory* (134-222).
- Bhatt, H. (2017). *Carbon Fibres: Production, Properties and Potential Use*. Department of Clothing and Textiles: Govind Ballabh Pant University.
- Brodjonegoro, B. 2020. *Penguatan Kolaborasi Internasional Multidisiplin menuju Riset dan Inovasi Kelas Dunia*. Jakarta: Badan Riset dan Inovasi Nasional (BRIN)
- Chen, M., Zhu, X., Song, P., Yang, H., Zhang, Q., & Wu, G. (2018). Effects of post curing on the electrical conductivity and electromagnetic interference shielding effectiveness of graphene/ composites. *Composites Science and Technology*. *Composites Science and Technology*, 167(362–370).
- Cheng, Q., Jiang, L., Zhang, Y., & Li, H. (2017). Mechanical properties of VE composites filled with graphene oxide. *Bahans Science and Engineering: A*, 700(1–7).
- Cheng, X., Koyanagi, J., Weng, Z., & Sun, Q. (2016). Electrical conductivity and interlaminar shear strength enhancement of carbon fiber reinforced polymers through synergetic effect between Graphene Oxide and polyaniline. *Composites Part A: Applied Science and Manufacturing*, 90(243–249). <https://doi.org/10.1016/j.compositesa.2016.07.015>
- Coombes, L. P. (2016). The Testing of Seaplanes and Flying Boats. *Journal of the Royal Aeronautical Society*, 34(230), 190-209.

- Deng, C., Jiang, J., Liu, F., Fang, L., Wang, J., & Wu, J. (2015). Influence of Graphene Oxide coatings on carbon fiber by ultrasonically assisted electrophoretic deposition on its composite interfacial property. *Surface and Coatings Technology*, 272(176–181). <https://doi.org/10.1016/j.surfcoat.2015.04.008>.
- Devi, L. (2022). *Uji Sifat Mekanik Komposit Carbon Fiber/Vinyl Ester/Graphene Oxide Sebagai Bahan Float Pesawat Amphibi N219*. Yogyakarta: Pogram Studi Fisika Fakultas Sains dan Teknologi Terapan Universitas Ahmad Dahlan.
- Ekawati, L., & Amri, A. (2018). Pengaruh Penambahan Graphene Oxide Terhadap Sifat Bioplastik Berbasis Pati Singkong. *In Jom FTEKNIK. Jurusan Teknik Kimia*, 5.
- Firdaus, A., Tjahjono, A., & Saptari, S. A. (2018). Analisis Pengaruh Bentuk Filler Pada Komposit Batang Bambu Terhadap Nilai Kekerasan. *Hardness Shore D, I*(2).
- Fu, Y., Li, Y., & Liu, L. (2017). Study On Graphene Oxide-Enhanced Interlaminar Shear Strength of Carbon Fibre/Vinyl Ester Composites. *Composites Part B: Engineering*, 122(10–17).
- Gibson, R. (1984). *Pinsiple of Composite Bahan Mechanics*. New York: Mc Graw Hill.
- Guo, Y., & Wang, Y. (2010). Effect of Different Graphite Materials on Electrical Conductivity and Flexural Strength of Bipolar Plates Fabricated by Selective Laser Sintering. *Journal of Power Sources*, 195(20), 7171-7177.
- He, P., Huang, B., Liu, L., Huang, Q., & Chen, T. (2016). Preparation of multiscale graphene oxide-carbon fabric and its effect on mechanical properties of hierarchical epoxy resin composite. *Polymer Composites*, 37(5), 1515–1522. <https://doi.org/10.1002/pc.23321>
- Huang, H. D., Guo, Z., Yang, P., Chen, P., & Wu, J. (2021). Electrical conductivity and hydrophobicity of graphene oxide-modified carbon nanofibers. *Chemical Physics Letters*, 771(124-129) <https://doi.org/10.1016/j.cplett.2021.138551>
- Hung, P., Lau, K., Fox, B., & Hui, D. (2018). Surface modification of carbon fibre using graphene-related bahans for multifunctional composites. *Composites Part B: Engineering*, 133(240–257). <https://doi.org/10.1016/j.compositesb.2017.09.010>
- Husein, I., Maddu, A., & Syafutra, H. (2010). Uji Konduktivitas Listrik dan Dielektrik Film Tipis Lithium Tantalate (Litao 3) Yang Didadah Niobium Pentaoksida (Nb 2 O 5) Menggunakan Metode Chemical Solution Deposition Classification Detection of Ftir and Xrd Spectrum on Thin Film of Lithium Tantalate with Arima Model on High Level Accuracy. *Nanosilica Boiler Ash Sugarcane Industry View project*. <https://www.researchgate.net/publication/294043568>

- Kader, M. F. H., Awwad, N. S., Ibrahim, H. A., & Ahmed, M. K. (2021). Graphene oxide fillers through polymeric blends of PVC/PVDF using laser ablation technique: electrical behavior, cell viability, and thermal stability. *Journal of Bahans Research and Technology*, 13(1878–1886). <https://doi.org/10.1016/j.jmrt.2021.05.024>
- Kostagiannakopoulou, C. L. (2015). On The interlaminar fracture toughness of karbon fiber composites is enhanced by nano species Graphene. *Journal of Composite Science*.
- Kumala, P. D. (2015). Uji densitas dan prestasi pada batuan dengan menggunakan neraca O houis dan neraca pegas. *Lab Bahan Institut Teknologi Sepuluh November*, 30(1–4).
- Laporan Kunjungan Kerja Spesifik Komisi Vii Dpr Ri Ke Pt Dirgantara Indonesia (Ptdi) Di Bandung Jawa Barat Masa Persidangan Ii.* (N.D.).
- Liu, Y., Yang, J. P., Xiao, H. M., Qu, C. B., Feng, Q. P., Fu, S. Y., & Shindo, Y. (2012). Role of matrix modification on interlaminar shear strength of glass fibre/epoxy composites. *Composites Part B: Engineering*, 43(1), 95–98. <https://doi.org/10.1016/j.compositesb.2011.04.037>
- Makram, M., Nemnem, A. F., Wagdy, S., & Forces, E. (2018). Uncertainty estimation for rotor vibration amplitude measuring system. *In JSS Journal of Statistical Software*, 65(12-16)
- Mazlan, H. (2009). *Vacuum Infusion Process Study Guide*. New York: American Composites Manufacturers Association.
- Muhammad, A. G. S. (2021). Pengaruh Perlakuan Panas Curing Lanjutan Sistem Manufaktur Vari Pada Komposit, *Unidirectional Karbon* [Thesis (Diploma)]. Sumatra barat: Universitas Andalas.
- Naveenkumar, S. (2019). Post curing effect on the mechanical properties of carbon fiber reinforced VE composites. *Materials Today: Proceedings*, 18, 292–297.
- Nie, H. J., Xu, Z., Tang, B. L., Dang, C. Y., & Shen, X. J. (2021). The effect of Graphene Oxide modified short carbon fiber on the interlaminar shear strength of carbon fiber fabric/epoxy composites. *Journal of Bahans Science*, 56(1), 488–496. <https://doi.org/10.1007/s10853-020-05286-y>
- Papa, I., Formisano, A., Lopresto, V., & Russo, P. (2021). Mechanical degradation of carbon fiber/ VE samples subject to marine environments. *Journal of Composite Bahans*, 55(21), 2967–2974. <https://doi.org/10.1177/00219983211005006>
- Parveez, B., Kamangar, S., Hussien, M., & Umarfarooq, M. A. (2022). Scientific advancements in composite materials for seaplanes applications: A Review. *Polymers*, 14(22), 5007. <https://doi.org/10.3390/polym14225007>
- Pramono, A., Zulfia, A., Metalurgi, J. T., Sultan, U., & Tirtayasa, A. (2012). Konduktifitas listrik komposit polimer polipropilena/karbon untuk aplikasi pelat bipolar fuel cell. *Jurnal Teknologi Dirgantara* 1(1).

- Priambodo, I., & Chriswadyanto, A. (2019). Metode Manufaktur Vacuum Assisted Resin Infusion Untuk Optimasi Sifat Mekanik Komposit Penyusun Propeller Dome. *Seminar Nasional Sains Teknologi Dan Inovasi Indonesia (SENASTINDO AAU)*, 1(1).
- Rajesh, M., Bijoy, K., Behera, N., Rajpurohit, & Promoda. (2020). Effect of internal mold release agent on flexural and inter laminar shear properties of carbon and glass fabric reinforced thermoset composites. *Polymers for Advanced Technologies*, 32(1), 282–293.
- Ritonga, W. (2016). Effect of Volume Fraction, Temperature Curing and Post-Curing on Compressive Properties of Epoxy - Hollow Glass Microspheres IM30K Composites. Dalam *Konverensi Teknik Mesin FTI-ITS*. <https://api.semanticscholar.org/CorpusID:99718394>.
- Rodríguez, G. A., Rubio, G. C., Jiménez, M., Ramos, G. L., & Velasco, S. C. (2018). Influence of the hybrid combination of multiwalled carbon nanotubes and graphene oxide on interlaminar mechanical properties of carbon fiber/epoxy laminates. *Applied Composite Bahans*, 25(5), 1115–1131.
- Rosselli, F. (1997). Comparison of the short beam shear (SBS) and interlaminar shear device (ISD) tests. *Spencer Laboratory Composite*, 28(587-594).
- Santoso, H. (2020). Analisis pengujian prositas terhadap hasil post curing komposit kampus rem. *Jurnal of Mechanical Engineering*, 4(2), 2613–9847.
- Senis, E. C. (2019). Enhancement of the electrical and thermal properties of unidirectional carbon fibre/epoxy laminates through the addition of graphene oxide. *Journal of Materials Science*.
- Shipra, J., & Gebd, B. (2014). New Trends in Vinyl Ester Resins. *Reviews in Chemical Engineering*, 30(6), 0001–0012.
- Shivakumar, K., Abali, F., & Pora, A. (2002). Modified short beam shear test for measuring interlaminar shear strength of composites. *AIAA Journal*, 40(11), 2368–2370. <https://doi.org/10.2514/2.1579>
- Suryono, D. (2020). *Pengaruh Post Curing Treatment dan Perendaman Air Laut pada Komposit Hybrid Kevlar/Karbon*. Bengkulu: Program Studi Teknik Mesin Fakultas Teknik Universitas Bengkulu.
- Swaminathan, G., Shivakumar, K. N., & Sharpe, M. (2006). Mechanical performance of glass and karbon/VE composites for marine structures. *In Composites Science and Technology*, 66(10) 1399–1408. Elsevier BV.
- Tang, L., Zhang, H., & Zhang, B. (2019). A note on error bars graphical representation of the variability data in biomedical research: choosing between standard deviation and standard error of the mean. *Journal of Pancreatol*, 2(3), 69–71
- Tekalur, S. A., Shivakumar, K., & Shukla, A. (2008). Mechanical behavior and damage evolution in E-glass VE and carbon composites subjected to static and blast loads. *Composites Part B: Engineering*, 39(1), 57–65.

- Vlack, L. H. (2004). *Elemen-elemen Ilmu dan Rekayasa Bahan* (translator Sriati Djaprie, Ed.). Jakarta; Erlangga.
- Wang, L., Chen, X., Zhou, Y., & Huang, Y. (2018). Graphene oxide modified carbon fiber reinforced polymer composites: Interlaminar shear strength and failure behavior. *Composites Part B: Engineering*, *145*(59–66).
- Wang, X., Bai, Y., & Zhao, L. (2020). Enhancement of density and mechanical properties of Graphene Oxide reinforced carbon/epoxy composites. *Composites Part B: Engineering*, *183*(107-118).
- Wardani, S. K., Hendriyono, W., & Subarkah, A. (2021). *Zona Laut Jurnal Inovasi Sains Dan Teknologi Kelautan Karakteristik Pantai Pulau Karimunjawa Sebagai Alternatif Lokasi Uji Terbang Pesawat N219a* 2(3) <https://journal.unhas.ac.id/index.php/zonalaut>
- Wonderly, C., Grenestedt, J., Fernlund, G., & Čěpus, E. (2005). Comparison of mechanical properties of glass fiber/ VE and carbon fiber/ VE composites. *Composites Part B: Engineering*, *36*(5), 417–426. <https://doi.org/10.1016/j.compositesb.2005.01.004>
- Yu, L., Lin, G., & Wang, Q. (2015). Fabrication and mechanical properties of graphene oxide/epoxy resin composites. *Materials Science and Engineering: A*, *639*(647-655).
- Yu, X., Liu, Y., Zhang, X., Xie, K., & Zhu, S. (2021). Enhancement of mechanical properties of Graphene Oxide modified carbon fiber reinforced VE composites by post curing treatment. *Composites Part B: Engineering*, *212*, 108776.
- Zegaoui, A., Derradji, M., Ma, R., Cai, W., Medjahed, A., Liu, W., Qadeer Dayo, A., & Wang, J. (2018). Mechanical and Thermal Properties of Glass and Carbon Fiber Reinforced Polymer Hybrid Composites. *Polymers*, *10*(08-13).
- Zhang, J., Lin, G., Vaidya, U., & Wang, H. (2023). Past, present, and future prospective of global carbon fibre composite developments and applications. *Composites Part B: Engineering*, *250*, (110-116). <https://doi.org/10.1016/j.compositesb.2022.110463>
- Zhang, Q., Qiao, W., Liu, T., Li, Z., & Wang, Y. (2019). Effects of graphene oxide on the mechanical properties and microstructure of carbon/epoxy composites. *Polymers*, *11*(10), 1621.
- Zhang, Fan, X., Yan, C., Li, H., Zhu, Y., Li, X., & Yu, L. (2012). Interfacial microstructure and properties of carbon fibre composites modified with graphene oxide. *ACS Applied Materials & Interfaces*, *4*(11), 1543-1552.
- Zhang, Y., Xu, X., Li, S., Li, X., & Li, D. (2019). Enhanced electrical conductivity of graphene oxide modified composites through post curing treatment. *Bahans Research Express*, *6*(9), 0953b3.
- Zhao, Y., Cheng, D., Zhang, H., Chen, X., & Zhang, Q. (2019). Effects of post curing temperature on mechanical properties of graphene oxide/epoxy composites. *Composites Part B: Engineering*, *163*(409–417).