DAFTAR PUSTAKA

Adams, R. D. (2021). *Adhesive Bonding: Science, Technology, and Applications*. Woodhead Publishing.

Anderson, T. L. (2005). *Fracture Mechanics Fundamentals and Applications* (3rd ed.). Taylor & Francis Group, LLC.

ASTM International. (2007). *Standard Test Method for Mode I Interlaminar Fracture Toughness of Unidirectional Fiber-Reinforced Polymer Matrix Composites (D5528-01)*. www.astm.org,

ASTM International. (2014). *Standard Test Method for Determination of the Mode II Interlaminar Fracture Toughness of Unidirectional Fiber-Reinforced Polymer Matrix Composites (D7905/D7905M-14)*. https://doi.org/10.1520/D7905_D7905M-14

Banea, M. D., Rosioara, M., Carbas, R. J. C., & da Silva, L. F. M. (2018). Multi-material adhesive joints for automotive industry. *Composites Part B: Engineering*, *151*, 71–77. https://doi.org/10.1016/j.compositesb.2018.06.009

Boutar, Y., Naïmi, S., Mezlini, S., Carbas, R. J. C., da Silva, L. F. M., & Ben Sik Ali, M. (2018). Fatigue resistance of an aluminium one-component polyurethane adhesive joint for the automotive industry: Effect of surface roughness and adhesive thickness. *International Journal of Adhesion and Adhesives*, *83*, 143–152. https://doi.org/10.1016/j.ijadhadh.2018.02.012

Chen, T., Harvey, C. M., Wang, S., & Silberschmidt, V. V. (2021). Analytical corrections for double-cantilever beam tests. *International Journal of Fracture*, *229*(2), 269–276. https://doi.org/10.1007/s10704-021-00556-5

Ding, Z., Wang, H., Luo, J., & Li, N. (2021). A review on forming technologies of fibre metal laminates. In *International Journal of Lightweight Materials and Manufacture* (Vol. 4, Issue 1, pp. 110–126). KeAi Publishing Communications Ltd. https://doi.org/10.1016/j.ijlmm.2020.06.006

Dwi, A. Z., & Syamsudin, H. (2019). Manufacturing Fiberglass-Epoxy LSU-03 Aircraft Propeller Using Hand Lay-up and Vacuum Assisted Resin Transfer Moulding (VARTM) Methods. *IOP Conference Series: Materials Science and Engineering*, *645*(1). https://doi.org/10.1088/1757-899X/645/1/012018

Ebnesajjad, S., & Landrock, A. H. (2015). Adhesive Applications and Bonding Processes. In *Adhesives Technology Handbook* (pp. 206–234). Elsevier. https://doi.org/10.1016/b978-0-323-35595-7.00008-5

Gdoutos, E. E. (1993). *Fracture Mechanics* (Vol. 14). Springer Netherlands. https://doi.org/10.1007/978-94-015-8158-5

Gursel, A., Mohamad, A. A., Firdaus, M., & Nazeri, M. (2019). *ADHESION MECHANISM AND FAILURE MODES IN ADHESIVELY BONDED JOINTS*. https://www.researchgate.net/publication/336825034

Hakim, I., May, D., Abo Ras, M., Meyendorf, N., & Donaldson, S. (2016). Quantifying voids effecting delamination in carbon/epoxy composites: static and fatigue fracture behavior. *Smart Materials and Nondestructive Evaluation for Energy Systems 2016*, *9806*, 98060H. https://doi.org/10.1117/12.2222032

He, M., Zhao, Y., Wang, B., Xi, Q., Zhou, J., & Liang, Z. (2015). 3D Printing Fabrication of Amorphous Thermoelectric Materials with Ultralow Thermal Conductivity. *Small*, *11*(44), 5889–5894. https://doi.org/10.1002/smll.201502153

Hegde, S., Satish Shenoy, B., & Chethan, K. N. (2019). Review on carbon fiber reinforced polymer (CFRP) and their mechanical performance. *Materials Today: Proceedings*, *19*, 658–662. https://doi.org/10.1016/j.matpr.2019.07.749

Hoa, S. V. (2009). *Principles of the Manufacturing of Composite Materials*. DEStech Publications, Inc.

Homayouni, S. M., Vasili, M. R., & Hong, T. S. (2014). Bonding Technologies in Manufacturing Engineering. In *Comprehensive Materials Processing* (Vol. 6, pp. 237–246). Elsevier Ltd. https://doi.org/10.1016/B978-0-08-096532-1.00609-9

Jeevi, G., Nayak, S. K., & Abdul Kader, M. (2019). Review on adhesive joints and their application in hybrid composite structures. In *Journal of Adhesion Science and Technology* (Vol. 33, Issue 14, pp. 1497–1520). Taylor and Francis Ltd. https://doi.org/10.1080/01694243.2018.1543528

Kavitha, K., Vijayan, R., & Sathishkumar, T. (2020). Fibre-metal laminates: A review of reinforcement and formability characteristics. *Materials Today: Proceedings*, *22*, 601–605. https://doi.org/10.1016/j.matpr.2019.08.232

Klift, F. Van Der, Koga, Y., Todoroki, A., Ueda, M., Hirano, Y., & Matsuzaki, R. (2016). 3D Printing of Continuous Carbon Fibre Reinforced Thermo-Plastic (CFRTP) Tensile Test Specimens. *Open Journal of Composite Materials*, *06*(01), 18–27. https://doi.org/10.4236/ojcm.2016.61003

Kumar, P. (2009). *Elements of fracture mechanics*. McGraw-Hill Education LLC.

Liu, S., Yang, J., Liang, X., Sun, Y., Zhao, X., & Cai, Z. (2022). Investigation of the Preparation, Corrosion Inhibition, and Wear Resistance of the Chromized Layer on the Surfaces of T9 and SPCC Steels. *Materials*, *15*(22). https://doi.org/10.3390/ma15227902

Mochane, M. J., Mokhena, T. C., Mokhothu, T. H., Mtibe, A., Sadiku, E. R., Ray, S. S., Ibrahim, I. D., & Daramola, O. O. (2019). Recent progress on natural

fiber hybrid composites for advanced applications: A review. In *Express Polymer Letters* (Vol. 13, Issue 2, pp. 159–198). BME-PT and GTE. https://doi.org/10.3144/expresspolymlett.2019.15

Mohammed, I., Rahim, A., Talib, A., Thariq, M., Sultan, H., Jawaid, M., Ariffin, A. H., & Saadon, S. (2018). FMLs-epoxy composite. In *BioResources* (Vol. 13, Issue 1).

Muflikhun, M. A., & Yokozeki, T. (2021a). Experimental and numerical analysis of CFRP-SPCC hybrid laminates for automotive and structural applications with cost analysis assessment. *Composite Structures*, *263*. https://doi.org/10.1016/j.compstruct.2021.113707

Muflikhun, M. A., & Yokozeki, T. (2021b). Steel plate cold commercial - carbon fiber reinforced plastics hybrid laminates for automotive applications: curing perspective with thermal residual effect. *Journal of Materials Research and Technology*, *14*, 2700–2714. https://doi.org/10.1016/j.jmrt.2021.07.152

Raja, P., & Ramkumar, P. (2018). Tribological Effects of Multiwall Carbon Nanotube (MWCNT) on Cu Based Hybrid Composite Brake Friction Material for Medium Duty Automotive Applications. *SAE Technical Papers*, *2018-July*. https://doi.org/10.4271/2018-28-0048

Rajak, D. K., Pagar, D. D., Menezes, P. L., & Linul, E. (2019). Fiber-reinforced polymer composites: Manufacturing, properties, and applications. In *Polymers* (Vol. 11, Issue 10). MDPI AG. https://doi.org/10.3390/polym11101667

Ravishankar, B., Nayak, S. K., & Kader, M. A. (2019). Hybrid composites for automotive applications – A review. *Journal of Reinforced Plastics and Composites*, *38*(18), 835–845. https://doi.org/10.1177/0731684419849708

Sales, R. de C. M., Brito, C. B. G., Silveira, N. N. A., Sena, J. L. de S., Arbelo, M. A., & Donadon, M. V. (2018). Hygrothermal effects on mode II interlaminar fracture toughness of co-bonded and secondary bonded composites joints. *Polymer Composites*, *40*(8), 3220–3232. https://doi.org/10.1002/pc.25176

Saraç, İ., Adin, H., & Temiz, Ş. (2018). Experimental determination of the static and fatigue strength of the adhesive joints bonded by epoxy adhesive including different particles. *Composites Part B: Engineering*, *155*, 92–103. https://doi.org/10.1016/j.compositesb.2018.08.006

Shang, X., Marques, E. A. S., Machado, J. J. M., Carbas, R. J. C., Jiang, D., & da Silva, L. F. M. (2019). Review on techniques to improve the strength of adhesive joints with composite adherends. In *Composites Part B: Engineering* (Vol. 177). Elsevier Ltd. https://doi.org/10.1016/j.compositesb.2019.107363

Shrivastava, R., & Singh, K. K. (2020). Interlaminar Fracture Toughness Characterization of Laminated Composites: A Review. In *Polymer Reviews*

(Vol. 60, Issue 3, pp. 542–593). Taylor and Francis Inc. https://doi.org/10.1080/15583724.2019.1677708

Stergiou, V., Konstantopoulos, G., & Charitidis, C. A. (2022). Carbon Fiber Reinforced Plastics in Space: Life Cycle Assessment towards Improved Sustainability of Space Vehicles. *Journal of Composites Science*, *6*(5). https://doi.org/10.3390/jcs6050144

Stoiber, N., Hammerl, M., & Kromoser, B. (2021). Cradle-to-gate life cycle assessment of CFRP reinforcement for concrete structures: Calculation basis and exemplary application. *Journal of Cleaner Production*, *280*. https://doi.org/10.1016/j.jclepro.2020.124300

Subramani, N., Murali, J. G., Suresh, P., & Sankar, V. V. A. (2017). Review on Hybrid Composite Materials and its Applications. *International Research Journal of Engineering and Technology*. www.irjet.net

Trzepieciński, T., Najm, S. M., Sbayti, M., Belhadjsalah, H., Szpunar, M., & Lemu, H. G. (2021). New advances and future possibilities in forming technology of hybrid metal–polymer composites used in aerospace applications. In *Journal of Composites Science* (Vol. 5, Issue 8). MDPI AG. https://doi.org/10.3390/jcs5080217

Tsokanas, P., Loutas, T., & Nijhuis, P. (2020). Interfacial fracture toughness assessment of a new titanium–cfrp adhesive joint: An experimental comparative study. *Metals*, *10*(5). https://doi.org/10.3390/met10050699

Vigón, P., Argüelles, A., Mollón, V., Lozano, M., Bonhomme, J., & Viña, J. (2022). Study of the Influence of the Type of Aging on the Behavior of Delamination of Adhesive Joints in Carbon-Fiber-Reinforced Epoxy Composites. *Materials*, *15*(10). https://doi.org/10.3390/ma15103669

Wang, C. H. (1996). *Introduction to Fracture Mechanics Damage Tolerant Composites using Nano reinforcements View project Development of Microstrip Patch Antenna Strain Sensors for Wireless Structural Health Monitoring View project Introduction to Fracture Mechanics*. https://doi.org/10.13140/RG.2.1.1444.2408

Yap, Y. L., Toh, W., Koneru, R., Lin, R., Chan, K. I., Guang, H., Chan, W. Y. B., Teong, S. S., Zheng, G., & Ng, T. Y. (2020). Evaluation of structural epoxy and cyanoacrylate adhesives on jointed 3D printed polymeric materials. *International Journal of Adhesion and Adhesives*, *100*. https://doi.org/10.1016/j.ijadhadh.2020.102602