

DAFTAR PUSTAKA

- [1] K. Naresh, K. Shankar, R. Velmurugan, and N. Gupta, "Statistical analysis of the tensile strength of GFRP, CFRP and hybrid composites," *Thin-Walled Structures*, vol. 126, pp. 150-161, 2018.
- [2] M. Kashtalyan, "Introduction to Composite Materials Design–Third editionE. J. Barbero CRC Press, Taylor & Francis Group, 6000 Broken Sound Parkway NW, Suite 300, Boca Raton, FL, 33487-2742, USA. 2018. Distributed by Taylor & Francis Group, 2 Park Square, Milton Park, Abingdon, OX14 4RN. xxxv; 535pp. Illustrated.£ 92.(20% discount available to RAeS members via www. crcpress. com using AKQ07 promotion code). ISBN 978-1-1381-9680-3," *The Aeronautical Journal*, vol. 122, pp. 2048-2049, 2018.
- [3] M. Azissyukhron and S. Hidayat, "Perbandingan Kekuatan Material Hasil Metode Hand Lay-up dan Metode Vacuum Bag Pada Material Sandwich Composite," in *Prosiding Industrial Research Workshop and National Seminar*, 2018, pp. 216-220.
- [4] K. Achmad, A. Soehardjono, and T. Tavio, "Penggunaan Carbon Fiber-Reinforced Polymer Sebagai Perkuatan Kolom Beton Bertulang Akibat Beban Siklik Untuk Meningkatkan Daktilitas Perpindahan Struktur," *Teknologi dan Kejuruan: Jurnal teknologi, Kejuruan dan Pengajarannya*, vol. 35, 2014.
- [5] N. I. Khan and S. Halder, "Self-healing fiber-reinforced polymer composites for their potential structural applications," in *Self-healing polymer-based systems*, ed: Elsevier, 2020, pp. 455-472.
- [6] M. Sulaiman and M. H. Rahmat, "Kajian potensi pengembangan material komposit polimer dengan serat alam untuk produk otomotif," in *Prosiding Seminar Nasional Teknik Mesin*, 2018.
- [7] P. L. Nguyen, X. H. Vu, and E. Ferrier, "Elevated temperature behaviour of carbon fibre-reinforced polymer applied by hand lay-up (M-CFRP) under

- simultaneous thermal and mechanical loadings: Experimental and analytical investigation," *Fire Safety Journal*, vol. 100, pp. 103-117, 2018.
- [8] A. M. HUZAEFAH, "PENGARUH PENAMBAHAN SILIKA SINTETIS & BIO-SILIKA TERHADAP SIFAT MEKANIK MATERIAL CFRP (CARBON FIBER REINFORCED POLYMER)," UNIVERSITAS NEGERI JAKARTA, 2022.
 - [9] D. A. WATI, "Pengaruh Ekstraksi Silika dari Abu Sekam Padi Terhadap Laju Rambat Api," UNIVERSITAS NEGERI JAKARTA, 2017.
 - [10] Y. K. Kumar and D. Lohchab, "Influence of Aviation Fuel on Mechanical properties of Glass Fiber-Reinforced Plastic Composite," 2016.
 - [11] S. R. Mirmira, "Thermal conductivity of fibrous composites: experimental and analytical study," Ph D Dissertation, Texas A&M, USA, 1999.
 - [12] W. D. Callister, *Materials science and engineering : an introduction*, 4th ed ed. New York: John Wiley & Sons, 1997.
 - [13] F. C. Campbell, "Structural composite materials," ed. Materials Park, Ohio: ASM International, 2010.
 - [14] M. F. Ashby, *Materials selection in mechanical design*, 3rd ed ed. Amsterdam: Butterworth-Heinemann, 2005.
 - [15] R. Pal, *Electromagnetic, Mechanical, and Transport Properties of Composite Materials*, 2014.
 - [16] S. Krishnam and G. Srinivas, "Recent Developments of Materials used in Air breathing and Advanced Air breathing Engines," *IOP Conference Series: Materials Science and Engineering*, vol. 872, p. 012082, 06/27 2020.
 - [17] M. Ghulam Rifqi and U. Ruslan, "DELAMINASI LAPIS MAJEMUK CFRP PADA BALOK BETON BERTULANG SKALA TERBATAS (DELAMINATION OF CFRP MULTILAYERS CFRP ON REINFORCED CONCRETE SUB SCALE BEAM)," vol. 32, pp. 1-74, 04/21 2015.
 - [18] A. Nanni, "Fiber Reinforced Polymer Composites for Infrastructure Strengthening-From Research to Practice," 2005.

- [19] A. Wisnujati and F. Yudhanto, "Analisis kekuatan mekanik exhaust cover komposit hybrid untuk sepeda motor dengan metode vacuum infusion," *Turbo: Jurnal Program Studi Teknik Mesin*, vol. 7, pp. 48-56, 2018.
- [20] K. Protchenko, E. Szmigiera, M. Urbański, A. Garbacz, P. Narloch, and P. Lesniak, "State-of-the-Art on Fire Resistance Aspects of FRP Reinforcing Bars," *IOP Conference Series: Materials Science and Engineering*, vol. 661, p. 012081, 11/20 2019.
- [21] L. E. St. Pierre, "Textbook of polymer science, 2nd Ed., F. W. Billmeyer, Jr., Wiley-Interscience, New York, 1971. 598 pp. \$16.25," *Journal of Polymer Science: Polymer Letters Edition*, vol. 10, pp. 573-574, July 01, 1972 1972.
- [22] B. Harsojuwono and I. Arnata, *Teknologi Polimer Industri Pertanian*, 2017.
- [23] B. Mutnuri, *Thermal conductivity characterization of composite materials*: West Virginia University, 2006.
- [24] E. J. Barbero, *Introduction to composite materials design*: CRC press, 2017.
- [25] B. Z. Dholakiya, "Use of non-traditional fillers to reduce flammability of polyester resin composites," *polimeri*, vol. 30, pp. 10-17, 2009.
- [26] E. C. Zalukhu, "ANALISA KEKUATAN BAHAN KOMPOSIT YANG DIPERKUAT SERAT POHON BAMBU MENGGUNAKAN RESIN POLYESTER DENGAN MEMVARIASAIKAN SUSUNAN SERAT SECARA ACAK, LURUS MEMANJANG," 2019.
- [27] A. Bunsell, S. Joannès, and A. Thionnet, *Fundamentals of Fibre Reinforced Composite Materials*, 2021.
- [28] A. Visco, L. Calabrese, and P. Cianciafara, "Modification of polyester resin based composites induced by seawater absorption," *Composites part A: applied science and manufacturing*, vol. 39, pp. 805-814, 2008.
- [29] A. S. Adi, "Analisa Penggunaan Pasir Silika sebagai pengganti agregat halus pada campuran beton," *Jurnal Riset Pembangunan*, vol. 1, pp. 36-47, 2018.
- [30] L. F. Aprida, D. Dermawan, and R. Bayuaji, "Identifikasi potensi pemanfaatan limbah karbit dan abu sekam padi sebagai bahan alternatif

- pengganti semen," in *Conference Proceeding on Waste Treatment Technology*, 2018, pp. 13-16.
- [31] U. Kalapathy, A. Proctor, and J. Shultz, "A simple method for production of pure silica from rice hull ash," *Bioresource technology*, vol. 73, pp. 257-262, 2000.
 - [32] M. Haslinawati, K. Matori, Z. Wahab, H. Sidek, and A. Zainal, "Effect of temperature on ceramic from rice husk ash," *International Journal of Basic & Applied Sciences*, vol. 9, pp. 22-25, 2009.
 - [33] R. Wirawan, H. H. Sutrisno, D. Ambarwati, and A. Febriyani, "Characteristic of Silica Level (SiO_3) Resulted from the Extraction of Rice Husk Ash with KOH Solvent towards the Amount of Heating Time," *International Journal of Engineering & Technology*, 2019.
 - [34] M. A. M. Siregar, "Penelitian Terhadap Pengaruh Zat Tahan Api Berbasis Halogen Terhadap Sifat Mampu Bakar Dari Komposit Serat Karbon Menggunakan Kalorimeter Kerucut," *Presisi*, vol. 23, pp. 30-38, 2021.
 - [35] D. R. Askeland, *The science and engineering of materials*. Monterey, CA: Brooks/Cole Engineering Division Monterey, CA, 1984.
 - [36] R. R. P. Kuppusamy, S. Rout, and K. Kumar, "Advanced manufacturing techniques for composite structures used in aerospace industries," in *Modern Manufacturing Processes*, ed: Elsevier, 2020, pp. 3-12.
 - [37] V. B. Techniques, "A guide to the principles and practical application of vacuum bagging for laminating composite materials with west system epoxy," *Gougeon Brothers Inc*, 2010.
 - [38] R. D. Salindeho, J. Soukotta, and R. Poeng, "Pemodelan pengujian tarik untuk menganalisis sifat mekanik material," *JURNAL POROS TEKNIK MESIN UNSRAT*, vol. 2, 2013.
 - [39] V. G. Rostiashvili and T. A. Vilgis, "Statistical Thermodynamics of Polymeric Networks," in *Encyclopedia of Polymeric Nanomaterials*, S. Kobayashi and K. Müllen, Eds., ed Berlin, Heidelberg: Springer Berlin Heidelberg, 2021, pp. 1-18.
 - [40] I. Alifa and I. Normansyah, "Pengaruh sharia compliance, good corporate governance dan kompetensi amil zakat terhadap pengelolaan dana zakat

- (studi kasus pada Baznas (BAZIS) DKI Jakarta)," *Pengaruh Sharia Compliance, Good Corporate Governance Dan Kompetensi Amil Zakat Terhadap Pengelolaan Dana Zakat (Studi Kasus Pada Baznas (BAZIS) DKI Jakarta)*, 2020.
- [41] C. A. RAHMATILLAH, "PENGARUH PENAMBAHAN SILIKA DARI ABU SEKAM PADI PADA MATERIAL KOMPOSIT CFRP (CARBON FIBER REINFORCED POLYMER) TERHADAP SIFAT TERMAL," UNIVERSITAS NEGERI JAKARTA, 2022.
- [42] Y. O. Bani, D. P. Mangesa, and J. S. Bale, "Pembuatan Dan Pengujian Alat Fabrikasi Komposit Vacuum Bag Dengan Menggunakan Metode VDI 2221," *LONTAR Jurnal Teknik Mesin Undana (LJTMU)*, vol. 4, pp. 16-25, 2017.
- [43] M. S. Ramadhan, "ANALISIS KEKUATAN TARIK MATERIAL KOMPOSIT SERAT ALAM DAUN AGEL DENGAN VARIASI Matrik EPOXY DAN POLYESTER PADA ORIENTASI ARAH SERAT 00 dan 900," *Jurnal Penelitian*, vol. 6, pp. 194-203, 2021.
- [44] A. M. ASTM, "ASTM D3039-standard test method for tensile properties of polymer matrix composite materials," *Book ASTM D3039-standard test method for tensile properties of polymer matrix composite materials (ASTM International, 2017)*, vol. 360, 2017.
- [45] A. S. f. Testing and Materials, "ASTM E-92: standard test methods for vickers hardness and knoop hardness of metallic materials," 2017.
- [46] J. Setiawan and S. Sungkono, "Karakteristik Daktilitas SS304 Yang Teroksidasi Pada Temperatur Tinggi," *Urania: Jurnal Ilmiah Daur Bahan Bakar Nuklir*, vol. 23, 2017.
- [47] H. HANIF, "PENGARUH JENIS SILIKA SEBAGAI BAHAN TAMBAH PEMBUATAN CFRP TERHADAP NILAI KEKERASAN DAN FIRE PROPAGATION RATE," UNIVERSITAS NEGERI JAKARTA, 2022.
- [48] Y. Yusmaniar and M. P. Suryani, "PEMANFAATAN SILIKA DARI SEKAM PADI PADA KOMPOSIT POLIESTER TEK JENUH-SILIKA," *Jurnal Riset Sains dan Kimia Terapan*, vol. 2, pp. 178-181, 2012.