

DAFTAR PUSTAKA

- Beumer, B. (1985). *Ilmu Bahan Logam* (Jilid 1). Bharata Karya Aksara.
- Chunhui, S., Mu, P., & Runzhang, Y. (2008). The effect of particle size gradation of conductive fillers on the conductivity and the flexural strength of composite bipolar plate. *International Journal of Hydrogen Energy*.
<https://doi.org/10.1016/j.ijhydene.2007.11.013>
- Dieter, J. W., & Byrne, C. A. (1987). Aliphatic polyurethane elastomers with high performance properties. *Polymer Engineering & Science*.
<https://doi.org/10.1002/pen.760270912>
- Dweiri, R., Suherman, H., Sulong, A. B., & Al-Sharab, J. F. (2018). Structure-property-processing investigation of electrically conductive polypropylene nanocomposites. *IEEE Journal of Selected Topics in Quantum Electronics*.
<https://doi.org/10.1515/secm-2017-0122>
- Gibson, R. F. (2016). Principles of Composite Material Mechanics. In *Principles of Composite Material Mechanics*. <https://doi.org/10.1201/b19626>
- Handika, M. G. (2019). *Karakteristik Bending Komposit Serat Pandan Duri - Matrik Resin Epoksi Sebagai Bahan Dasar Pembuatan Bumper Mobil*.
- Hui, C., Hong-bo, L., Li, Y., Jian-xin, L., & Li, Y. (2010). Study on the preparation and properties of novolac epoxy/graphite composite bipolar plate for PEMFC. *International Journal of Hydrogen Energy*.
<https://doi.org/10.1016/j.ijhydene.2009.08.030>

- Jing, X., Zhao, W., & Lan, L. (2000). Effect of particle size on electric conducting percolation threshold in polymer/conducting particle composites. *Journal of Materials Science Letters*. <https://doi.org/10.1023/A:1006774318019>
- Kakati, B. K., Sathiyamoorthy, D., & Verma, A. (2010). Electrochemical and mechanical behavior of carbon composite bipolar plate for fuel cell. *International Journal of Hydrogen Energy*. <https://doi.org/10.1016/j.ijhydene.2010.02.033>
- Kishi, H., Kuwata, M., Matsuda, S., Asami, T., & Murakami, A. (2004). Damping properties of thermoplastic-elastomer interleaved carbon fiber-reinforced epoxy composites. *Composites Science and Technology*. <https://doi.org/10.1016/j.compscitech.2004.05.006>
- Liao, S. H., Yen, C. Y., Weng, C. C., Lin, Y. F., Ma, C. C. M., Yang, C. H., Tsai, M. C., Yen, M. Y., Hsiao, M. C., Lee, S. J., Xie, X. F., & Hsiao, Y. H. (2008). Preparation and properties of carbon nanotube/polypropylene nanocomposite bipolar plates for polymer electrolyte membrane fuel cells. *Journal of Power Sources*. <https://doi.org/10.1016/j.jpowsour.2008.06.097>
- Maghfirandi, A. (2012). *Pengaruh Penambahan Grafit Terhadap Kekuatan Tarik, Konduktivitas Listrik dan Stabilitas Termal Pada Komposit Polidimetilsiloksan/Grafit*.
- Nuawi, M. Z., Fadli Ahmad, M. A., Mohamed, N. F., Wahid, Z., & Dirhamsyah, M. (2016). The Study of Polymer Material Characterisation Using M-Z-N Statistical Analysis Method. *Jurnal Kejuruteraan*. <https://doi.org/10.17576/jkukm-2016-28-02>

- Rizkyta, A. (2013). *Pengaruh Penambahan Karbon Terhadap Sifat Mekanik dan Konduktivitas Listrik Komposit Karbon/Epoksi Sebagai Pelat Bipolar Polimer Elektrolit Membran Sel Bahan Bakar (PEMFC)*. 2(1 ISSN: 2337-3539).
- Song, L. N., Xiao, M., & Meng, Y. Z. (2006). Electrically conductive nanocomposites of aromatic polydisulfide/expanded graphite. *Composites Science and Technology*. <https://doi.org/10.1016/j.compscitech.2005.12.013>
- Suherman, H. (2019). *Proses Manufaktur Komposit Polimer Konduktif*. Sukabina Press.
- Suherman, H., Mahyoedin, Y., Septe, E., & Rizade, R. (2019). Properties of graphite/epoxy composites: The in-plane conductivity, tensile strength and Shore hardness. *AIMS Materials Science*. <https://doi.org/10.3934/MATERSCI.2019.2.165>
- Suherman, H., Sahari, J., & Sulong, A. B. (2013). Effect of small-sized conductive filler on the properties of an epoxy composite for a bipolar plate in a PEMFC. *Ceramics International*. <https://doi.org/10.1016/j.ceramint.2013.02.059>
- Suherman, H., Sulong, A. B., Zakaria, M. Y., Royan, N., & Sahari, J. (2018). Electrical conductivity and physical changes of functionalized carbon nanotube/graphite/stainless steel (SS316L)/polypropylene composites immersed in an acidic solution. *Songklanakarin Journal of Science and Technology*. <https://doi.org/10.14456/sjst-psu.2018.12>
- Wahdan, K. (2011). *Karakterisasi Material Komposit Jerami-Epoksi Yang Dibuat Dengan Proses Vacuum Bag*.

William D. Callister, J. (2001). Fundamentals of Materials Science and Engineering. In *John Wiley & Sons, Inc.* https://doi.org/10.1007/978-981-10-2529-7_2

William D. Callister, J. (2007). Materials Science and Engineering 7th Ed. : An Introduction. In *John Wiley & Sons, Inc.* <https://doi.org/10.1007/BF01184995>

Zakaria, M. Y., Sulong, A. B., Sahari, J., & Suherman, H. (2015). Effect of the addition of milled carbon fiber as a secondary filler on the electrical conductivity of graphite/epoxy composites for electrical conductive material. *Composites Part B: Engineering.* <https://doi.org/10.1016/j.compositesb.2015.08.034>