

DAFTAR PUSTAKA

- Akil, H.M., Omar, M.F., Mazuki, A.A.M., Safiee, S., Ishak, Z.A.M., Bakar, A.A. (2011). *Kenaf Fiber Reinforced Composites: A Rivew*. Journal of Materials and Design. Vol. 32, pp. 4107-4121.
- ASTM D6110-04. *Standard Test Method for Determining the Charpy Impact Resistance of Notched Specimens of Plastics*. pp. 1-15.
- Bajuri, F., Mazlan, N., Ishak, M.R. (2018). *Water Absorption Analysis on Impregnated Kenaf With Nanosilica for epoxy/kenaf Composite*. IOP Conf. Series: Materials Science and Engineering 405, pp. 1-6.
- Bakar, M.A.A., Ahmad, S., Kuntjoro, W. (2010). *The Mechanical Properties of Treated and Untreated Kenaf Fibre Reinforced Epoxy Composite*. Journal of Biobased Materials and Bioenergy Vol. 4, pp. 1-5.
- Bastian, A. (2017). Pengaruh Perbandingan Tebal lapisan Terhadap Sifat Impak dan Tarik Komposit Serat Pandan Berduri Kontinyu dan Acak Bermatrik *Unsaturated Polyester*. Skripsi. Teknik Mesin, Fakultas Teknik, Universitas Muhammadiyah Yogyakarta.
- Bonnia, N.N., Mahat, M.M., Surip, S.N., Anuar, H., Hassan, N.A., Ahmad, S. (2012). *Polyester/Kenaf Composite; Effect of matrix modification*. IEEE Symposium on Bussines, Engineering and Industrial Applications, pp. 518-522.
- Daroini, H., Nuriyah, L., Masruroh. (2014). Studi Pengaruh Fraksi Volume terhadap Ketangguhan Impak Komposit *Polyester-Serat Kenaf (Hibiscus cannabinus L.)* Brawijaya Physics Student Journal. Vol. 2, No. 1, pp. 698-700.
- Department of Defense Hanbook. (2002). *Composite Materials Handbook*. Vol. 3 of 5.
- Faruk, O., Bledzki, A.K., Fink, H.P., Sain, M. (2012). *Biocomposites Reinforced with Natural Fibers: 2000-2010*. Progres in Polymer Science Vol. 37, pp. 1552-1596.
- Gibson, R. F. (2012). *Principles of Composite Material Mechanics: Thrid Edition*. CRC Press, Taylor & Francis Group
- Hermawan, Y., Sidartawan, R. (2016). Analisa Sifat Mekanis Biokomposit Laminat Serat Tebu – Polyester. Seminar Nasional Hasil Penelitian dan Pengabdian Masyarakat, pp. 33-37.
- Holbery, J., Houston, D. (2006). *Natural Fiber Reinforced Polymer Composite in Automotive Applications*: JOM, pp. 80-86.
- <https://materialcerdas.wordpress.com/teori-dasar/scanning-electron-microscopy/>. Diakses 22 Juli 2019.

- Jaafar, C.N.A., Rizal, M.A.M., Zainol, I. (2018). *Effect of Kenaf Alkalization Treatment on Morphological and Mechanical Properties of Epoxy/Silica/Kenaf Composite*. International Journal of Engineering & Technology, pp. 258-263.
- Jaafar, C.N.A., Zainol, I., Aremu, O.O. (2018). *Effect of Silica Fillers on Mechanical Properties of Epoxy/Kenaf Composites*. Journal of Physics: Conf. Series 1082, pp. 1-6.
- Jones, M.R. (1999). *Mechanics of Composite Materials*. Taylor & Francis. Inc.
- Khater, H.M. (2013). *Effect of Silica Fume on the Characterization of the Geopolymer Materials*. International Journal of Advanced Structural Engineering. Original Research, pp. 1-10.
- Kosmatka, S., H., & Wilson, M., L. (2011). *Design and Control of Concrete Mixtures*. Engineering Bulletin 001.
- Nayiroh, N. (2010). Teknologi Material Komposit.
- Onny. 2017. <http://artikel-teknologi.com/pengertian-material-komposit/>. Diakses 20 Juni 2019.
- Oroh, J., Sappu, F.P., Lumintang, R. (2013). Analisis Sifat Mekanik Material Komposit dari Serat Sabut Kelapa. Teknik Mesin Universitas Sam Ratulangi Manado, pp. 1-10.
- Prasetyo. (2011). <https://yudiprasetyo53.wordpress.com/2011/11/07/scanning-electron-microscope-sem-dan-optical-emission-spectroscopy-oes/>. Diakses 22 Juli 2019.
- PT. Justus Kimia Raya. (1996). <http://justus.co.id/>. Diakses 22 Juli 2019
- Putra, M. (2017). <https://mirfandaniputra.wordpress.com/2017/01/07/uji-impact-charpy/>. Diakses 23 Juli 2019.
- Subyakto & Gopar, M. (2009). Tinjauan Penelitian Terkini tentang Pemanfaatan Komposit Serat Alam untuk Komponen Otomotif. J. Tropical Wood Science & Technology Vol. 7, No. 2, pp. 92-97.
- Sudarisman. (2019). *Privat Discussion*.
- Suwanto, B. (2006). Pengaruh Temperatur Post-Curing Terhadap Kekuatan Tarik Komposit Epoksi Resin yang Diperkuat Woven Serat Pisang. Jurusan Teknik Sipil Politeknik Negeri Semarang, pp. 1-31.
- Wirawan, W.A., Budi, S.A.S., Widodo, T.D. (2017). Pengaruh Jenis Matriks Terhadap Sifat Tarik pada Natural Fiber Komposit. Prosiding SNTT – Politeknik Negeri Malang. Vol.3, pp. 29-34.
- www.frpservice.com. Diakses 22 Juli 2019.
- Yusoff, Z., & Mohamad, Z. (2015). *Review of Research Activites on Kenaf Reiforced Composites*. Journal of Petrochemical Engineering Department. Vol. 1, pp. 25-33.