

DAFTAR PUSTAKA

- Bakar A. A. dan Hassan A. 2003. "Impact Properties of Oil Palm Empty Fruit Bunch Filled Impact Modified Unplasticised Poly (Vinyl Chloride) Composites", *Jurnal Teknologi*, 39(A) 2003: 73–82.
- Akil H. M., Omar M. F., Mazuki A. A. M., Safiee S., Ishak Z. A. M. dan Bakar A.A., 2011. "*Kenaf Fiber Reinforced Composites : A Riview*", *Journal of Materials and Design* Vol. 4107-4121.
- Ayora M., Rios R., Quizano J. dan Marquez A., 1997. "Evaluation by torque-rheometer of suspensions of semi-rigid and flexible natural fibres in a matrix of poly (vinyl chloride)", *Journal of Polymer Composites* 18(4): 549-560.
- Bisanda E. T. N. dan Ansell M.P., 1991. "*The effect of silane treatment on the mechanical and physical properties of sisal-epoxy composites*", *Journal of Composites Science and Technology*. No. 41. pp.165-178.
- Chand N. dan Hashmi S. A. R., 1993. "*Mechanical properties of sisal fibre at elevated temperatures*". *Journal of Materials Science*. No. 28. pp.6724-6728.
- Djidjelli H., Boukerrou A., Founas R., Rabouhi A., Kaci M., Farenc J., Martines-Vega J. Dan Benachour D., 2007. "Preparation and Characterization of Poly(vinyl chloride) Virgin and Treated Sisal Fiber Composites". *Journal of Applied Polymer Science*, Vol. 103, 3630–3636.
- Gibson R. F., 1994. "*Principle of Composite Materials Mechanic. International Edition*", McGraw-Hill Inc., New York, USA.
- Haneefa A., Bindu P., Aravind I. dan Thomas A. S., 2008. "Studies on Tensile and Flexural Properties of Short Banana/Glass Hybrid Fiber Reinforced Polystyrene Composites". *Journal of Composite Materials*, Vol. 42, No. 15/2008.
- John R.M. dan Anandiwala R.D., 2008. "Recent Developments in Chemical Modification and Characterization of Natural Fiber-Reinforced Composite". *Journal of Polymer Composites*, pp. 187-207.
- Joseph K., Thomas S. dan Pavithran C., 1996, "*Effect of chemical treatment on the tensile properties of short sisal fibrereinforced poly-ethylene composites*" *Journal of Polymer*, 37, pp.5139-5149.
- Kollár dan Zsoldos, 2012. "*Investigating poly-(vinyl-chloride)-polyethylene blends by thermal methods*". *Journal of Thermal Analysis and Calorimetry* Volume 107 pp 645–650.
- Kusumastuti A., 2009. "Aplikasi Serat Sisal sebagai Komposit Polimer". *Jurnal Kompetensi Teknik* Vol. 1, No. 1.

Mallick P. K. 2007. *“Fiber Reinforced Composites, Materials, Manufacturing and Design”*. Journal of. Boca Raton, USA: Taylor & Francis, pp 201-226.

Murherjee P.S., Satyanarayana K.G., 1984. *“Structure and properties of some vegetable fibres, part I”*. Sisal fibre. Journal of Materials Science. No. 19. pp.3925-3934.

Noorunnisa K. P., Khalil A., Jawaid M. dan Naidu V. S., “2010. Sisal/Carbon Fibre Reinforced Hybrid Composites: Tensile, Flexural and Chemical Resistance Properties”. Journal of : J Polym Environ (2010) 18:727–733.

Ony. 2017. <http://artikel-teknologi.com/pengertian-material-komposit/>. Diakses pada 27 Mei 2018.

Park S. J., Kim M. H., Lee J. R. dan Choi S., 2000. “Effect of Fiber–Polymer Interactions on Fracture Toughness Behavior of Carbon Fiber-Reinforced Epoxy Matrix Composites”. Journal of Colloid and Interface Science 228, 287–291.

Permanasari A., Siswaningsih W. dan Wulandari I., 2010. “Uji Kinerja Adsorben Kitosan-Bentonit terhadap Logam Berat dan Diazinon Secara Simultan”. Jurnal Sains dan Teknologi Kimia. ISSN 2087-7412. Vol 1. No 2.

Putra K. T., 2013. *“Pengaruh Perlakuan Alkali Terhadap Sifat Mekanik Komposit Kenaf– Polypropilene”*. Universitas Sebelas Maret. Surakarta.

Radetic T., 2011. “Fundamentals of Scanning Electron Microscopy and Energy Dispersive X-ray Analysis in SEM and TEM”. Journal of *NFMC Spring School on Electron Microscopy*, pp 2.

Rashkovan I.A. dan Korabelnikov Y., 1997. “The Effect Of Fibre Surface Treatments On Epoxy Composites. II. Enhancement Of Wear Resistance”. Journal of Composite Sci Technology 1997;57;1017-22.

Rowell R.M., Schultz T.P. dan Narayan R., 1992. *“Emerging technologies for materials & chemicals for biomass”*. Journal of ACS Symposium Ser, 476, pp. 12.

Schwartz, M.M., 1984, *“Composite Material Handbook”*, Mc Graw-Hill Inc., New York, USA.

Severini F., Formaro L., Pegoraro M. dan Posca L., 2002. “Chemical modification of carbon fiber surfaces”. Journal of Carbon vol. 40, pp. 735–741.

Smallman R.E. dan Bishop R. J., 2000. “Metalurgi fisik modern dan rekayasa material”. Djaprie S, penerjemah. Jakarta : Erlangga. Terjemahan dari Modern Physical Metallurgi & Materials Engineering 6th Edition.

Sosiati H., Pratiwi D.A. dan Soekrisno. 2015. *“The Influens of Alkali Treatments on Tensile Strength and Surface Morfology of Cellulose Microfibrils”*. Journal of Advance Materials Research Vol. 1123 pp 147-150.

- Sun Y., Lin L., Deng H., Li J., He B., Sun R. dan Ouyang P., 2008. "Structural changes in bamboo cellulose in formic acid". *Journal of BioResource* 3(2) 297-315.
- Supriyadi, Tirtosuprobo, Sudjindro, Santoso B., Dalmadiyo, I.G.A.A. dan Indrayani S., 1996. "Panduan Budidaya Tanaman Agave". *Balai Penelitian Tembakau dan Tanaman Serat, Malang*.
- Sun T.H., 2014. "Studi on Composite Materials used in The Tennis Racket. A review". *Journal of Applied Mechanics and Materials*, Vol. 540, pp 52-55.
- Wirawan R., 2011. "Thermo-Mechanical Properties of Sugarcane Bagasse-Filled Polyvinyl Chloride Composite". Thesis of Universiti Putra Malaysia.
- Yudhanto F., Wisnuaji A. dan Kusmono. 2016. "Pengaruh Perlakuan Alkali Terhadap Kekuatan Tarik dan *Wettability* Serat Alam *Agave Sisaliana Perrine*". Prosiding Seminar Nasional XI "Rekayasa Teknologi Industri dan Informasi". Sekolah Tinggi Teknologi Nasional Yogyakarta.
- Zhang H., Zhang Z. dan Breidt C., 2004. "*Comparison Of Short Carbon Fibre Surface Treatments On Epoxy Composites I*". *Enhancement Of The Mechanical Properties*. *Journal of Composites Science and Technology* 64 (2004) 2021–2029.
- Zhang L., 2015. "The application of composite fiber materials in sports equipment". 5th International Conference on Education, Management, Information and Medicine (EMIM 2015).
- Zheng Y. T., Cao D.R., Wang D.S. dan Chen J.J., 2007. "Study on The Interface Modification of Bagasse Fibre and The Mechanical Properties of its Composite with PVC". *Journal of Composites: Part A* 38 (2007) 20–25.