

## DAFTAR PUSTAKA

- Agarwal, B.D. 1990. *"Analysis and Performance of Fiber Composite"*, Second edition. Wiley Interscience. USA.
- Bismarck, A., Askargorta, I.A., Lamphe, T., Wielaye, B., Stamboulis, A., Skenderovich, I., Limbach, H.H., 2002, *"Surface Characterization of Flax, Hemp and Cellulose Fibres: Surface Properties and the Water Uptake Behavior, Polymer Composite Vol 23, no. 5"*, Technical University of Berlin, Institute of Chemical Technology Department of Macromolecular Chemistry, TC06 D-10623 Berlin, Germany.
- Brian, G., 2004, *"Design and Application of a Fiber Pullout Test for Examining Controlled Interfaces in Fiber Reinforced Polymers"*, NNIN REU Research Accomplishments 62-63, Material Science and Engineering, Cornell University.
- Building material and technology promotion council (1998).
- Chawla, K., 1987, *"Composite Material: Science and Engineering-Springer Verlag"*, CRC Press, New York.
- Fadilah, C., 2014. *"Pengaruh Waktu Perendaman dan Diameter Serat terhadap Kuat Geser Rekatan antar muka Serat Ijuk aren/ epoksi"*. Tugas Akhir S1 Teknik Mesin Universitas Muhammadiyah Yogyakarta..
- Gibson, F.R. 1994. *"Principles of Composite Material Handbook"*, Mc Graw-Hill, Singapura.
- Harper, C.A. 1996. *"Handbook of plastic, Elastomer & Composite"*, 3rd edn. Mc Graw-Hill, New York
- Hatta. 1993. *"Aren" Budidaya dan Multigunanya*. Penerbit kanisius, Yogyakarta.
- Jones, R.M., 1975, *"Mechanics of Composite Materials, Institute of Technology"*, Mc Graw-Hill, Washington D.C.
- Naim, J., Liu, C.H., Mendels, A., Zhandarov, S., 2001, *"Fracture Mechanics Analysis of the Single-Fiber Pull-Out Test and the Microbond Test Including The Effects of Friction and Thermal Stresses"*, Proceeding 16<sup>th</sup> Annual Technical Conference of the American Society for Composites, University of Utah Salt Lake City USA.
- Khoirudin 2013. *"Studi Perbandingan Pajang Kritis Pada Beberapa Macam Serat Alam Dengan Metode Poll Out Fiber test."* Program Pendidikan. Teknik Mesin Universitas Sebelas Maret Surakarta..
- Mahmuda, Savetlana, Sugiyanto. 2013. *"Pengaruh Panjang Serat terhadap Kekuatan Tarik Komposit bermuatan serat ijuk dengan matrik epoksi?"* Jurnal

- Mahardika. 2013 "*Pengaruh fraksi Volume Serat Terhadap Ketangguhan Impak pada Material Komposit Serat Arenunidireksional dan Acak dengan Matrik Poliester*". Tugas Akhir S1 Teknik Mesin Universitas Muhammadiyah Yogyakarta.
- Munandar, Iman. 2012 "*Mengkaji kekuatan tarik serat ijuk (arenga pinnata merr)*", Jurnal FEMA, Volume 1, No: 3
- Onyeagoro, G., N., 2012 "*Influence of Surface Lignin Concentration on Fibre Surface Characteristics and Tensile Properties of Oil Palm Fiber/urea-formaldehyde Resin Composite*" www.Journals.savap.org.pk, Vol 3.No:1, July 2012
- Pickering, 2007, "*Optimising Industrial Hemp Fibre for Composites*", Department of Material and Process, University of Waikata Hamilton, New Zealand. Applied Science and Manufacturing Vol 38 No 2.
- PT. Justus Kimia Raya, 2001. "*Technical Data Sheef*", PT. Justus Kimia Raya : Jakarta.
- Purnomo, P., 2014. "*Pengaruh Konsentrasi Alkali dan Diameter Serat Terhadap Kuat Geser Rekatan Antar Muka Serat Ijuk aren/epoksi*". Tugas Akhir S1 Teknik Mesin Universitas Muhammadiyah Yogyakarta.
- Qing, S., Hua, Q., Xi, R.P., 2003. "Size effects in the fiber pullout test", *Composite Structures* Vol 61 No 3, Department of Engineering Mechanics Beijing University of Technology.
- Rao, K.M.M., dan Rao, K.M., 2007, "*Extraction And Tensile Properties Of Natural Fibers: Vakka, Date And Bamboo*", *Composite Structures* Vol 77 No 3, Siddharta Engineering College Vijayawanda, India.
- Schwartz, M.M., 1984, "*Composite Material Handbook*", Mc Graw-Hill, Singapura.
- Selby and Miller, L.E., 1975., "*Fracture Toughness And Mechanical Behavior Of An Epoxy Resin*", *Journal Of Materials Science..* vol. 10: 12-24
- Sudarisman, 2013, "*Material komposit*", Hand-out Teknik Mesin , Universitas Muhammdiyah Yogyakarta.
- Sunanto, Hatta, 1993. Aren "*Budidaya dan Multigunanya*". Peneliti Kanisius, Yogyakarta.
- Van De Velde., dan Paul, Kiekens, 2001, "*Thermoplastic Pultrusion Of Natural Fibre Composites*", *Composite Structures* Vol 54 2-3, Ghent University, Zwijsnaarde, Belgium.
- Yang, L., Thomason, J., 2009, "*Interface Strength in Glass Fibre Polypropylene Measured using the Fibre Pull Out and Microdebond Methods*" 17<sup>th</sup> International Conference on Composite Material, ICCMI, Edinburgh