

DAFTAR PUSTAKA

- Annual Book of Standards, Section 8, D 638-02, "Standard Test Method for Tensile Properties of Plastics", ASTM, 2002.*
- Annual Book of Standards, Section 15, C 273-00, "Standard Test Methods for Shear Properties of Sandwich Core Materials", ASTM, 2000.*
- Annual Book of Standards, Section 15, C 393-00, "Standard Test Methods for Flexural Properties of Sandwich Constructions", ASTM, 1994.*
- Annual Book of Standards, Section 8, D 790-02, "Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials¹", ASTM, 2002.*
- Annual Book of Standards, Section 8, D 5942-96, "Standard Test Methods for Determining Charpy Impact Strength of Plastics¹", ASTM, 1996.*
- Annual Book of Standards, D 5941 – 00, "Standard Test Methods for Determining the Izod Pendulum Impact Resistance of Plastics", ASTM, 2000.*
- Annual Book of Standards, D 3800-99, "Standard Test Method for Density of Fibers", ASTM, 1999.*
- Annual Book of Standards, C 271 – 99, "Standard Test Method for Density of Sandwich Core Materials", ASTM, 1999.*
- Anonim, "Interior Automotive Plastic Part testing, Standar of Automotive Engineering", SAE J 1717, USA.
- Anonim, *Manual Book of Izod Impact - Gotech*
- Anonim, 2001, *Technical data Sheet*, PT Justus Sakti Raya Corporation, Jakarta.
- Anonim, www.diabgroup.com, *DIAB manufactures and markets products and services based on advanced polymer and composite technologies*, Head Office DIAB AB Box 201S-312 22 LAHOLM Sweden.
- Boimau, K., Marsyahyo, E., Rochardjo, H.S.B., 2005, "Pengaruh Perlakuan Alkali terhadap Kekuatan Tarik Serat Alam Ramie", paper Seminar nasional Perkembangan Riset dan Teknologi bidang Industri, Universitas Gadjah Mada, 18-19 Mei 2005, Jogjakarta
- Brady G.S. dan Clavier HR, 1991 "Materials Handbook", 13th Edition, Mc. Graw Hill, London.
- Clark R.A. dan Ansel M.P., 1986. "Jute and glass Fibre Hybrid laminates", *Journal of Materials Science* 21, pp. 269-276, UK.
- Diharjo K., Masykuri M., Legowo B., dan Abdullah G., 2005-2007. "Rekayasa dan Manufaktur Bahan Komposit sandwich Berpenguat Serat Rosella Dengan Core Limbah Kayu Sengon Laurel Untuk Komponen Gerbong Kereta Api", Hibah bersaing XIII, 'Dikti, Jakarta.
- Eichorn, Zafeiropoulus, C.A.B.N., Ansel, L.Y.M.M.P., Entwistle, K.M., Escamilla, P.J.H.F.G.C., Groom, L, Hill, M.H.C., Rials, T.G. and Wild, P.M., 2001, "Review Current International Research into Cellulosic Fibers and Composites", *Journal of Materials Science*, Vol. 36, pp. 2107- 2131
- Feng, D., Caulfield, D. F. and Sanadi, A.R., 2001, "Effect of Compatibilizer on the Structure-Property Relationships of Kenaf-Fiber/Polypropylene Composites", *Polymer Composites*, vol. 22, no. 4

- George J., Janardhan R., Anand J.S., Bhagawan S.S. dan Thomas S., 1996. "*Melt Rheological Behavior of Short Pineapple Fibre Reinforced Low Density Polyethylene Composites*", Journal of Polymer, Volume 37, No. 24, Gret Brittain.
- Gibson, O. F., 1994. "*Principle of Composite Materials Mechanics*", McGraw-Hill Inc., New York, USA.
- Hariyanto A., Sugito B., dan Diharjo K., 2007, "*Kajian peningkatan ketahanan bending komposit hibrid sandwich serat kenaf dan serat gelas bermatrik polyester dengan core kayu sengon laut*", PDM, 'Dikti, Jakarta.
- Hariyanto A., Diharjo K., dan Jamasri, 2006, "*Studi perlakuan alkali dan tebal core terhadap sifat impak komposit hibrid sandwich serat kenaf dan gelas bermatrik polyester dengan core kayu sengon laut*" Seminar nasional Aplikasi Riset, Universitas Petra, 15-16 Pebruari, Surabaya.
- Hara, et-all, 1986, "*Utilization of Agrowastes for Building Materials*", International Research and Development Cooperation Division, AIST, MITI, Japan.
- Houston, D.F, 1972, "*Rice Chemistry and Technology*", American Association of Cereal Chemist. Inc, Minnesota.
- Herina S., 2005, "*Kajian Pemanfaatan Abu Sekam Padi Sebagai Bahan Stabilisasi Tanah Fondasi Ekspansif Untuk Bangunan Sederhana*", Kolokium & Open House, Bandung
- Karnani, R., Krishnan, M. and Narayan, R., 1997, "*Biofiber-Reinforced Polypropylene Composite*", Polymer Engineering and Science, vol.37, no.2
- Kaw A. K., 1997. "*Mechanics of Composite Materials*", CRC, Press, New York.
- Marsahyo E., Soekrisno, Jamasri, Rochardjo H.S.B., 2004-2006. "*Kajian Mikromekanika Bahan Komposit Serat Ramie-Epoxy*", Disertasi Doktor (dalam proses penyelesaian), UGM, Yogyakarta.
- McNaught, R., Ellison, G.C., 2000, "*The Use of Natural Fibre in Nonwoven Structures Application in Automotive Component Substrates*", Research and Development Report, Ministry of Agricultural Fisheries and Food Agri, Industrial Materials, London
- Nugraha, I.N.P., Marsyahyo, E., Rochardjo, H.S.B., 2005, "*Pengaruh Perlakuan Kimia pada Serat Alam Ramie terhadap Kekuatan tarik Serat Tunggal*", paper paper Seminar nasional Perkembangan Riset dan Teknologi bidang Industri, Universitas Gadjah Mada, 18-19 Mei 2005, Jogjakarta.
- Ngafwan dkk, (2006)., "*Angka Hambat Panas Serta Sifat Fisis Dan Mekanis Komposit Serat Acak Dari Bahan Limbah Sekam Padi Dengan Matrik Polyester Dengan Variasi Fraksi Volume*" Laporan Penelitian Dosen Muda, DIKTI, Jakarta.
- Peijs, T., 2002, Composites turn green, Department of Materials, Queen Mary, University of London.
- Popov E P, 1996. "*Mekanika Teknik (Mechanics of Materials)*" Erlangga, Jakarta
- Prasetyo R.B., Rakhman A. dan Diharjo K., 2005. "*Pemanfaatan Limbah Serat Aren (Arenga Pinnata) Sebagai Penguat Rancangan Panel Komposit dengan Perakat Resin Urea Formaldehide*", Laporan Penelitian Pemula, Dinas P & K, Jawa Tengah.
- Rahmarestia, dkk., 2006. "*Analisis Penggunaan Sumber Energi Biomassa di Bidang Pertanian*" Balai Besar Pengembangan Mekanisasi Pertanian, litbang, deptan, Jakarta.
- Rowel, R.M., 1998, "*Economic Opportunities in Natural Fiber Thermoplastic Composites*", Journal Science and Technology of Polymers and Advanced Materials, Pen Plenum, pp. 869-872

- Rowell R.M, Sanadi A., Jacobson R. dan, Caufield D., 1999. "Properties of kenaf *Polypropylene Composite.*", Processing and Product. Mississippi State university, Ag. & Bio Engineering, pp. 381-392. ISBN 0-9670559-0-3, Chapter 32.
- Roe P.J. dan Ansel M.P.,1985. "*Jute Reinforced Polymer Composites*", Journal of Materials Science 20, pp. 4015-4020, UK.
- Sanadi A.R., Caufield D. E., Jacobson R. E., dan Rowel R. M., 1995. "*Renewable Agricultural Fiber as Reinforcing Filler in Plastics: mechanical Properties of Kenaf Fiber-Polypropylene Composites*", Indust. Rng. Chem. Res. 34: 11889-1896.
- Sanadi A.r., Prasad S.V. dan Rohatgi P.K., 1986. " *Sunhemp Fibre-Reinforced Polyester*", Journal of Materials Science 21, pp. 4299-4304, UK.
- Schwartz, 1984. "*Composite Materials Handbook*, McGraw-Hill Book Company, New York., USA.
- Shackelford, 1992. "*Introduction to Materials Science for Engineer*", Third Edition, MacMillan Publishing Company, New York, USA.
- Song X.M. dan Hwan J.Y., 2001., "*Mechanical Properties of Wood Fiber and Recycled Tire Rubber*". Forest Product Journal, Madison.
- Sombatsompop, N., Chaochancaikul, K., 2004, "*effect of Moisture Content on Mechanical properties, Thermal and Structural Stability and extrude Texture of Poly(vinyl chloride)/wood sawdust Compsites*", polymer Int. society of Chem. Industry, pp. 1210-1218
- Sugito B., Hariyanto A., dan Diharjo K.,, 2007, "*Studi Pengaruh Fraksi Berat Serat Kenaf Acak Dan Anyam Komposit lamina Tiga Layer Bermatrik Polyester Terhadap Sifat Bending Dan Impak* ", PDM, 'Dikti, Jakarta
- Sumardi T.P., Zulfa A., Basukriadi A_ Raditya D., dan Rahman F., 2003. "*Rekayasa dan Manufaktur bahan Komposit berpenguat Serat Limbah Pisang Sebagai bahan Interior Otomotif dan pesawat terbang*", Hibah Bersaing X, DP3 M-Dikti, Jakarta.
- Urreaga J.M., Matias M.C., Orden M.U.D.L., Munguia M.A.L. dan Sanchez C.G., 2000."*Effect of Coupling Agent on the Oxidation and Darkening of cellulosic Materials Used as Reinforcements for thermoplastic matrices in Composites*", Journal of Polymer Engineering and Science, February Ed., Vol. 4 No. 2.
- Wittig, W.R., 1994, "*The Use of Natural Fibers in Vehicle Components, Plastic in Automotive*", pp. 65-80, pen. Hamser