

DAFTAR PUSTAKA

- Abdullah, N. M. dan Ahmad, I., (2012) Effect of Chemical Treatment on Mechanical dan Water-Sorption Properties Coconut Fiber-Unsaturated Polyester from Recycled PET, *ISRN Materials Science*, (134683): hal.1-8.
- Akash, V. G., Rao, K. V. S., Gupta, N. S. V., Kumar, A., (2016) Mechanical Properties of Sisal/Coir Fiber Reinforced Hybrid Composites Fabricated by Cold Pressing Method, *IOP Publishing*, 149(2016): 1-6.
- Anusavice, K. J., Shen, C., Rawls, H. R., (2013) *Philip's Science of Dental Materials*, Elsevier Saunders, Missouri, hal. 308, 320-324.
- Bahrami-Abadi, M., Khaghani, M., Monshi, A., Doostmohammadi, A., dan Alizadeh, S.,(2016) Reinforcement of Glass Ionomer Cement: Incorporating with Silk Fiber, *Journals of Advanced Materials and Processing*, 4(3): 14-21.
- Bala, O., Arisu, H.D., Yikilgan, I., Arslan, S., dan Gullu, A., (2012) Evaluation of Surface Roughness and Hardness of Different Glass Ionomer Cements, *European Journal of Dentistry* 6:79-86.
- Bartolo, P., dan Bidanda, B., (2008) *Bio-Materials and Prototyping Applications in Medicine*, Springer, New York, hal. 19.
- Bisanda E.T.N., Ansell M.P. (1991) The Effect of Silane Treatment on the Mechanical and Physical Properties of Sisal-Epoxy Composites. *Composites Science and Technology*. 41(2). hal.165-178.
- Bonsor, S. J., dan Pearson, G. J., (2013) *A Clinical Guide to Applied Dental Materials*, Elsevier Ltd., London, hal. 107-108.
- Brink, M., dan Achigan-Dako, E.G., (2012) *Plant Resources of Tropical Africa 16 Fibres*, PROTA: Wageningen, hal. 37.
- Callister, W. D., Rethwisch, D. G., (2014) *Materials Science and Engineering An Introduction*, 9th ed., John Wiley & Sons. Inc., Versailles.
- Chand, N., Fahim, M., (2008) *Trilogy of Natural Fiber Polymer Composites*, CRC Press, hal. 4-87.
- Craig, R. G., (2002) *Restorative Dental Material*.10thed., C.V Mosby:St.Louis. hal.514- 515.
- Daniel, W. W., Cross, C. L., (2013) *Biostatistic A Foundation for Analysis in The Health Science*, 10th ed., Wiley, Danvers, hal. 189.
- Dewanti, A.A.S., Widjijono, dan Agustiono, P., (2016) Penambahan Sisal-mikro terhadap Kekuatan Flexural pada Base Plate Resin Akrilik Micro Sisal

- Adduction Toward Flexural Strength Base Plate Acrylic Resin, *Jurnal Material Kedokteran Gigi* 1(5): 42-48.
- Dytham, C. (2011) *Choosing and Using Statistic: A Biologist's Guide*. Oxford, Wiley Publishers. hal. 129, 138.
- Fernandes, E. M., Mano, J. F., Reis, R. L., (2013) Hybrid Cork Polymer Composites Containing Sisal Fibre: Morphology, Effect of The Fibre Treatment on The Mechanical Properties and Tensile Failure Prediction. *Jurnal Composite Structures*, 105:153-162.
- Ferracane, J. L., 2001, *Materials in Dentistry: Principles and Applications*, 2nd ed., Lippincott Williams & Wilkins, Pennsylvania, hal. 108.
- Fitriana, A., (2018) Pengaruh Penambahan Sisal Mikro Teralkalisasi sebagai *Reinforcement* terhadap Kekuatan Fleksural Semen Ionomer Kaca Konvensional. *Skripsi*. Fakultas Kedokteran Gigi Universitas Gadjah Mada, Yogyakarta.
- Garoushi, S., He, J., Obradovic, J., Fardim, P., Vallittu, P. K., dan Lassila, L., (2020) Incorporation of Cellulose Fiber in Glass Ionomer Cement. *European Journal of Oral Sciences*. 128(1): 81-88.
- Ghosh, P., (2004) *Fiber Science and Technology*, Tata Mc-Graw Hill, New Delhi, hal.50-61.
- Gladwin, M., dan Bagby, M., (2004) *Clinical Aspects of Dental Materials* 2nd ed., Lippincott Williams and Wilkins, Philadelphia, hal. 93.
- Hadianto, E., Widjijono, Herliansyah, M. K., (2013) Pengaruh Penambahan Polyethylene Fiber dan Serat Sisal terhadap Kekuatan Fleksural dan Impak Base Plate Komposit Resin Akrilik, *Indonesi Dental Journal*, 2(2): 47-57.
- Hatrack, C. D., dan Eakle, W. S., (2015) *Dental Materials: Clinical Applications for Dental Assistant and Dental Hygienists*, Elsevier, Missouri, hal. 70.
- Hodzic, A., dan Shanks, R. A., (2014) *Natural Fiber Composites : Materials, Processes and Properties*, Woodhead Publishing Limited, Philadelphia, hal.179.
- John, J., Gangadhar, S. A., dan Shah, I., (2001) Flexural strength of heatpolymerized polymethyl metacrylate denture resin reinforced with glass, aramid, or nylon fibers, *J. Prosthetic Dentistry*, 86(4):424-427.
- Kabir, M. M., Wang, H., Lau, K.T., Cardona F., (2012) Chemical treatments on plant-based natural fibre reinforced polymer composites: An overview, *Jurnal Composites*, 43(B):2883-2892.

- Kozi, J., Gangadhar, S. A., dan Shah, I., 2001, Flexural Strength of Het-Polymerized polymethyl methacrylate denture resin reinforced with glass, aramid, or nylon fibers, *Journal Prosthetic Dentistry*, 86(4): 424-427.
- Kuntari, (2006) Optimalisasi Proses Desizing, Scouring, Bleaching, dan Causticizing Secara Simultan, Sistem Pad-batch pada Kain Rayon Viskosa. *Jurnal Sains Materi Indonesia*. hal. 118-123.
- Lacerda, T. M., Zambon, M. D., Frollini, E., (2012) Effect of acid concentration and pulp properties on hydrolysis reactions of mercerized sisal, *Jurnal Carbohydrate Polymers*, 93 : 347-356.
- Li, X., Tabil, L. G., dan Panigrahi, S., (2007) Chemical Treatments of Natural Fiber for Use in Natural Fiber-Reinforced Composites: A Review, *Journal Polymerisation Environment*, 15:25-33.
- Manappallil, J. J., (2016) *Basic Dental Materials*, 4th ed., Jaypee Brothers Medical Publishers, New Delhi, hal. 4-5, 20, 238-239.
- Manuputty, M. dan P.T. Berhitu. (2010) Pemanfaatan Material Bambu sebagai Alternatif Bahan Komposit Pembuatan Kulit Kapal Pengganti Material Kayu untuk Armada Kapal Rakyat yang Beroperasi di Daerah Maluku. *Jurnal Teknologi*, 7(2), 788-794.
- Marghalani, H. Y., (2010) Effect of Filler Particles on Surface Roughness of Experimental Composite Series. *J. Appl. Oral Sci.* 18(1): 59-67
- Matinlinna, J. P., (2015) *Handbook of Oral Biomaterials*, CRC Publishers: Boca Raton, hal. 129.
- McCabe, J. F., dan Walls, A. W. G., (2009) *Applied Dental Materials*, 9th ed Blackwell Publishing: Oxford, hal. 252, 248
- Modibbo, U. U., Aliyu, B. A., dan Nkafamiya, I. I., (2009) The effect of mercerization media on the physical properties of local plant blast fibres, *International Journal Physic Science*, 4(11):698-704.
- Mohanty, A. K., Misra, M., dan Drzal, L. T., (2005), *Natural Fibers, Biopolymers, and Biocomposites*, Taylor & Francis Group, Florida, hal. 85, 313-314
- Moran, J. L., Alvarez, V. A., Cyras V. P., Vazquez, A., (2008) Extraction of cellulose and preparation of nanocellulose from sisal fiber, *Cellulose Journal*, 15:149-159.
- Mount, G. J., Hume, W. R., Ngo, H. C., dan Wolff, M. S., (2016) *Preservation and Restoration of Tooth Structure*, 3rd edition, Wiley Blackwell: Australia, hal. 163.

- Mozartha, M., H., Ellyza., dan Soufyan, A., Pemilihan Resin Komposit dan Fiber untuk Meningkatkan Kekuatan Fleksural Fiber Reinforced Composite (FRC). *Jurnal PDGI* 2010:59(1):29-34.
- Mukherjee P.S., Satyanarayana K.G. (1984) Structure And Properties of Some Vegetable Fibres, Part 1. Sisal Fibre. *Journal of Materials Science*. 19. hal.3925-3934.
- Muhammed, M. H., Dauda, B., (2014) Unsaturated Polyester Resin Reinforced With Chemically Modified Natural Fibre, *IOSR-JPTE*, 1(4): 31-38.
- Nicholson, J. dan Czarnecka, B., 2016, *Materials for the Direct Restorations of Teeth*, Elsevier, Duxford, hal.149
- Ratner, B. D., Hoffman, A. S., Schoen, F. J., dan Lemons, J. E., (2004) *Biomaterials Science: An Introduction to Materials in Medicine*, 2nd ed, Elsevier Academic Press, San Diego, hal.182.
- Rowell R.M., Schultz T.P., Narayan R. (1992) *Emerging technologies for materials & chemicals for biomass*. ACS Symposium Ser, 476, hal. 12.
- Sakaguchi, R.L., dan Powers, J.M., (2012) *Craig's Restorative Dental Materials*, 12nd ed., Elsevier, Philadelphia, hal. 2, 153, 169, 183.
- Santoso, B., 2009, Peluang Pengembangan Agave Sebagai Sumber Serat Alam, *Perspektif*, 8(2): 84-95.
- Scheller-Sheridan, C., (2010) *Basic Guide to Dental Materials*. 1st ed. Oxford :Wiley- Blackwell. hal.50.
- Schmalz, G. dan Bindsvlev, A.D., 2009, *Biocompatibility of Dental Materials*, Springer, Berlin, hal. 42, 102-104.
- Stanton, B., Zhu, L., Atwood, C.H., (2010) *Experiment in General Chemistry Featuring MeasureNet*, 2nd ed., California: Brooks/ Cole Engaged Learning. hal 158.
- Subyakto, Masruchin, N., Prasetyo, K. W., dan Ismadi, (2013) Utilization of Micro Sisal Fibers as Reinforcement Agent and Polypropylene or Polylactic Acid as Polymer Matrices in Biocomposite Manufacture. *Journal of Forestry Research*. 10(1): 11-20.
- Thomas, S., dan Pothan, L.A., (2008) *Natural Fibre Polymer Composites from Macro to Nanoscale*, Old City Publishing Inc., Philadelphia, hal. 146, 282.
- Van Noort, R., (2007) *Introduction to Dental Materials*, 3rd ed., Mosby Elsevier, London, hal. 127-128, 131, 135, 221-222.
- Visakh, P.M., Markovic, G., dan Pasquini, D., (2017) *Recent Developments in Polymer*

Macro, Micro and Nano Blends: Preparation and Characterization,
Woodhead Publishing, Duxford, hal.4-5.

Zhou, F., Cheng, G., dan Jiang, B., (2014) Effect of Silane Treatment on
Microstructure of Sisal Fibers, *Applied Surface Science*, 292: 806-812.