

## 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*, 2012(134683): 1-8.
- Aditama, P., Sugiarno, E., dan Nuryanto, M. R. T., 2016, Pengaruh Volumetrik *E-Glass Fiber* terhadap Kekuatan Transversal Reparasi Plat Gigi Tiruan Resin Akrilik, *Maj. Ked. Gigi (Dent. J.)*, 2(1): 40-46.
- Anusavice, K. J., Shen, C., dan Rawls, H. R., 2013, *Phillips' Science of Dental Materials*, 12<sup>th</sup> ed, Elsevier Saunders, Missouri, hal. 58-59, 107, 280, 474-475, 478, 495.
- Arora, P., Singh, S. P., dan Arora, V., 2015, Effect of Alumina Addition on Properties of Poly-methyl methacrylate: A Comprehensive Review, *IJBTT*, 9(1): 1-7.
- Bártolo, P. dan Biddana, B., 2008, *Bio-Materials dan Prototyping Ahallications in Medicine*, Springer, New York, hal. 19.
- Bonsor, S. J. dan Pearson, G. J., 2013, *A Clinical Guide to Ahalliced Dental Materials*, Churchill Livingstone Elsevier, London, hal. 92.
- Campos, A., Marconcini, J. M., Martins-Franchetti, S.M., dan Maltoso, L. H. C., 2012, The Influence of UV-C Irradiation on The Properties of Thermoplastic Strach dan Polycaprolactone Biocomposite with Sisal Bleached Fibers, *J. Polymer Degradation dan Stability*, 97 (2012): 1948-1955.
- Dahlan, M. S., 2008, *Statistik untuk Kedokteran dan Kesehatan: Deskriptif, Bivariat, dan Multivariat Dilengkapi dengan Menggunakan SPSS*, 3<sup>rd</sup> ed, Salemba Medika, Jakarta, hal. 71-73.
- Daniel, W. W. dan Cross, C. L., 2013, *Biostatistic a Foundation for Analysis The Health Science*, 10<sup>th</sup> ed, Wiley, Danvers, hal. 189.
- Dewanti, A. A. S., 2016, Pengaruh Pemberian *Reinforcement* Sisal Mikro terhadap *Flexural Strength Base Plate* Resin Akrilik, *Skripsi*, Fakultas Kedokteran Gigi Universitas Gadjah Mada, Yogyakarta.
- Fajrin, J., 2016, Mechanical Properties of Natural Fiber Composite Made of Indonesian Grown Sisal, *Info Teknik*, 17(1): 69-84.
- Ferndanes, E. M., Mano, J. F., dan Reis, R. L., 2013, Hybrid Cork-polymer Composites Containing Sisal Fibre: Morphology, Effect of the Fibre Treatment on the Mechanical Properties dan Tensile Failure Prediction, *J. Comp. Struct.*, 105(2013): 153-162.
- Hadianto, E., Widjijono, dan Herliansyah, M. K., 2013, Pengaruh Penambahan *Polyethylene Fiber* dan Serat Sisal terhadap Kekuatan Fleksural dan Impak *Base Plate* Komposit Resin Akrilik, *IDJ*, 2(2): 57-67.

- Hatrick, C. D., Eakle, W. S., dan Bird, W. F., 2013, *Dental Materials Clinical Application for Dental Assistant dan Dental Hygienist*, 2<sup>nd</sup> ed, Saunders Elsevier, Missouri, hal. 53-54.
- Hodzic, A. dan Shanks, R., 2014, *Natural Fibre Composites: Materials, Processes, dan Properties*, Woodhead Publishing, Philadelphia, hal. 179.
- John, 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.
- Kabir, M. M., Wang, H., Lau, K. T., dan Cardona, F., 2012, Chemical Treatment on Plant-based Natural Fibre Reinforced Polymer Composite: An Overview, *Composite Part B: Engineering*, 43(2012): 2883-2892.
- Kozi, J. C., Treichel, P. M., dan Townsend, J. R., 2009, *Chemistry dan Chemical Reactivity*, Thomson Brooks/Cole, Belmont, hal. 780.
- Kusumastuti, A., 2009, Aplikasi Serat Sisal sebagai Komposit Polimer, *Jurnal Kompetensi Teknik*, 1(1): 27-32.
- Lacerda, T. M., De-Paula, M. P., Zambon, M. D., dan Frollini, E., 2012, Saccharification of Brazilian Sisal Pulp: Evaluating The Impact of Mercerization on Non-Hydrolyzed Pulp dan Hydrolysis Product, *Cellulose*, (2012) 19: 351-362.
- Li, X., Tabil, L. G., dan Panigrahi, S., 2007, Chemical Treatment of Natural Fiber for Use in Natural Fiber Reinforced Composites: A Review, *J. Polym. Environ.*, 2007(15): 25-33.
- Lung, C. Y. K. dan Matinlinna, J. P., 2012, Aspects of Silane Coupling Agents dan Surface Conditioning in Dentistry: An Overview, *Dental Materials*, 28 (2012): 467-477.
- Mallick, P.K., 2007, *Fiber-Reinforced Composites: Materials, Manufacturing, dan Design*, 3<sup>rd</sup> ed, CRC Press, Danvers, hal. 31.
- Manahalallil, J. J., 2003, *Basic Dental Materials*, 2<sup>nd</sup> ed, Jaypee Brothers Medical Publishers, New Delhi, hal. 105-106, 112-117.
- McCabe, J. F. dan Walls, A. W. G., 2008, *Advanced Dental Materials*, 9<sup>th</sup> ed, Blackwell Publishing, Oxford, hal. 101-102, 111, 118-120.
- Melwita, E. dan Kurniadi, E., 2014, Pengaruh Waktu Hidrolisis dan Konsentrasi H<sub>2</sub>SO<sub>4</sub> pada Pembuatan Asam Oksalat dari Tongkol Jagung, *Jurnal Teknik Kimia*, 2(2): 55-63.
- Modibbo, U. U., Aliyu, B. A., dan Nkafamiya, I.I., 2009, The Effect of Mercerization Media on The Physical Properties of Local Plant Bast Fibers, *International Journal of Physical Sciences*, 4(11): 698-704.

- Mohanty, A. K., Manjusri, M., dan Drzal, L. T., 2005, *Natural Fibers, Biopolymers, dan Biocomposite*, Taylor & Francis Group, Boca Raton, hal. 85.
- Monaco, C., 2005, Clinical dan Scientific Aspect of Inlay Fixed Partial Denture, *Tesis*, University of Siena, Italia.
- Morán, J. I., Alvarez, V. A., Cyras, V. P., dan Vázquez, A., 2008, Extraction of Cellulose dan Preparation of Nanocellulose from Sisal Fiber, *J. Cellulose*, 15(2008): 149-159.
- Mozartha, M., Herda, E., dan Soufyan, A., 2010, Pemilihan Resin Komposit dan *Fiber* untuk Meningkatkan Kekuatan Fleksural *Fiber Reinforced Composite* (FRC), *Jurnal PDGI*, 59(1): 29-34.
- Muhammed, M. H. dan Dauda, B., 2014, Unsaturated Polyester Resin Reinforced with Chemically Modified Natural Fibre, *IOSR-JPTE*, 1(4): 31-38.
- Mwaikambo, L. Y. dan Ansell, M. P., 2006, Mechanical Properties of Alkali Treated Plant Fibres an their Potential as Reinforcement Materials II. Sisal Fibres, *J. Mater SCI*, 41(2006): 2497-2508.
- Powers, J. M. dan Sakaguchi, R. L., 2006, *Craig's Restorative Dental Materials*, 12<sup>th</sup> ed, Mosby Elsevier, Saint Louis, hal. 515, 518, 520.
- Ramadevi, P., Sampathkumar, D., Srinivasa, C. V., dan Bennehalli, B., 2012, Effect of Alkali Treatment on Water Absorption of Single Cellulosic Abaca Fiber, *Bioresources*, 7(3): 3515-3524.
- Ratner, B. D., Hoffman, A. S., Schoen, F. J., dan Lemons, J. E., 2004, *Biomaterials Science: An Introduction to Materials in Medicine*, 2<sup>nd</sup> ed, Elsevier Academic Press, San Diego, hal. 182.
- Robbins, R., 2010, *Scanning Electron Microscope Operation*, University of Texas, Dalas, hal. 10-16, 47-48.
- Shi, D., Jiang, G., Wen, X., dan Leng, Y., 2005, *Introduction to Biomaterials*, World Science, Beijing, hal. 201.
- Subyakto, Hermiati, E., Yanto, D. H. Y., Fitria, Budiman, I., Ismadi, Masruchin, N., dan Subiyanto, B., 2009, Proses Pembuatan Serat Selulosa Berukuran Nanodari Sisal (*Agave sisalana*) dan Bambu Betung (*Dendrocalamus asper*), *Berita Selulosa*, 44(2): 57-65.
- Subyakto, Masruchin, N., Prasetyo, K. W., dan Ismadi, 2013, Utilization of Micro Sisal Fibers as Reinforcement Agent dan Polypropylene or Polylactic Acid as Polymer Matrices in Biocomposites Manufacture, *Journal of Forestry Research*, 10(1): 11-20.
- The Academy of Prosthodontics, 2005, The Glossary of Prosthodontic Terms (GPT-8), *The Journal of Prosthetic Dentistry*, 94(1): 10-92.

- Van Noort, R., 2007, *Introduction to Dental Materials*, 3<sup>rd</sup> ed, Mosby Elsevier, London, hal. 79, 216, 221-222.
- Von Fraunhofer, J. A., 2013, *Dental Materials at a Glance*, 2<sup>nd</sup> ed, Wiley Blackwell, Oxford, hal. 139-141.
- Xie, Y., Hill, C. A. S., Xiao, Z., Militz, H., dan Mai, C., 2010, Silane Coupling Agent Used for Natural Fiber/Polymer Composites: A Review, *Composites Part A: Ahallied Science dan Manufacturing*, 41 (2010): 806-819.
- Xu, J., Cong, L., dan Li, Y., 2011, Fabrication dan Mechanical Properties of Short Sisal Friber Reinforced Composites Used for Dental Aplication, *18<sup>th</sup> International Conference on Composite Material*, Shanghai, hal. 1-5.
- Zhou, F., Cheng, G., dan Jiang, B., 2014, Effect on Silane Treatment on Microstructure of Sisal Fibers, *Ahalled Surface Science*, 292 (2014): 806-812.