



## Daftar Pustaka

- Ahmad, J., Majdi, A., Deifalla, A. F., Kahla, N. B., El-Shorbagy, M., (2022) Concrete Reinforced with sisal fiber (SSF): overview of mechanical and physical properties. *Crystal*. 12(7): 1-25.
- Altunskoy, M., Tanriver, M., Turkan, U., Uslu, M. E., Silici, S., (2016), In Vitro Evaluation of Microleakage and Microhardness of Ethanolic Extracts of Propolis in Different Proportions Added to Glass Ionomer Cement. *Journal of Clinical Pediatric Dentistry*, 40(2), 136-140.
- Anusavice, K. J., Shen, C., Rawls, R. H., (2013) *Philips' Science of Dental Materials*. 12<sup>th</sup> ed. Missouri: Elsevier. pp 265, 320, 321, 323-324.
- Baig, M. S., Fleming, G. J. P., (2015) Conventional glass-ionomer materials: A review of the developments in glass powder, polyacid liquid and the strategies of reinforcement. *Journal of Dentistry*. 2453: 1-16.
- Balla, V. K., Kate, K. H., Satyavolu, J., Singh, P., Tadimetri, J. G. D., (2019) Additive manufacturing of natural fiber reinforced polymer composites: Processing and prospects. *Composites Part B: Engineering*. 174: 1-29.
- Benitez-Guerrero, M., Perez-Maqueda, L. A., Artiaga, R., Sanchez-Jimenez, P. E., Pascual-Cosp, J., (2016) Structural and chemical characteristics of sisal fiber and its components: effect of washing and grinding. *Journal of Natural Fibers*. 14(1): 1-14.
- Callister, W. D., Rethwisch, D. G., (2014) *Materials Science and Engineering An Introduction*. 9<sup>th</sup> ed. Hoboken: John Wiley & Sons, inc. pp 637.
- Chand, N., Fahim, M., (2021), *Tribology of Natural Fiber Polymer Composites*, Woodhead Publishing, hal 163.
- Coniawati, P., Anka, M. N. P., Sanders, C., (2015) Pengaruh konsentrasi, waktu dan temperature terhadap kandungan lignin pada proses pemutihan bubuk kertas bekas. *Jurnal Teknik Kimia*. 21(3): 47-55.
- Dewanjanie, S. P., (2020) *Variasi kadar penambahan sisal mikro tersilanisasi terhadap setting time semen ionomer kaca konvensional*. Yogyakarta: Skripsi Fakultas Kedokteran Gigi. pp 35.
- Dewanti, A. A. S., Widjiono, Agustiono, P., 2016, Penambahan Sisal-mikro terhadap Kekuatan Flexural pada Base Plate Resin Akrilik. *Jurnal Material Kedokteran Gigi*. 1(5):42-48.
- 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. *Composite Structures*. 105: 153-162.
- Fitriana, A., (2018) *Pengaruh penambahan sisal mikro teralkalisasi sebagai reinforcement terhadap kekuatan fleksural semen ionomer kaca konvensional*. Yogyakarta: Skripsi Fakultas Kedokteran Gigi. pp 33, 35.
- Gladwin, M., Bagby, M., (2018) *Clinical Aspects of Dental Materials*. 5<sup>th</sup> ed. Philadelphia: Wolters Kluwer. pp 10-11.



- Huang, J., Tian, G., Huang, P., Chen, Z., (2020) Flexural Performance of Sisal Fiber Reinforced Foamed Concrete Under Static and Fatigue Loading. *Materials*. 13(14): 1-19.
- Kementerian Kesehatan Republik Indonesia, (2019) *Laporan Nasional Riskesdas 2018*, Jakarta: Lembaga Penerbit Badan Penelitian dan Pengembangan Kesehatan. pp 204, 206.
- Ly, B. C. K., dyer, E. B., Feig, J. L., Chien, A. L., Bino, S. D., (2020) Research techniques made simple: Cutaneous colorimetry: A reliable technique for objective skin color measurement. *Journal of Investigate Dermatology*. 140: 3-12.
- Joiner, A., (2004) Tooth colour: a review of the literature, *Journal of Dentistry*. 32:3-12.
- Manappallil, J. J., (2016) *Basic Dental Materials*. 4<sup>th</sup> ed. New Delhi: Jaypee Brothers Medical Publishers. pp 106, 108, 110, 111, 112, 113.
- Matinlinna, J. P., (2015) *Handbook of Oral Biomaterials*. Boca Raton: CRC Publishers. pp 129.
- Mohammed, M. H., Dauda, B., (2014) Unsaturated Polyester Resin Reinforced with Chemically Modified Natural Fibre. *IOSR Journal of Polymer and Textile Engineering*. 1(4): 31-38.
- Moshaverinia, M., Navas, Jahedmesh, N., Shah, K. C., Moshaverinia, A., Ansari, S., (2019) Comparative Evaluation of The Physical Properties of a Reinforced Glass Ionomer Dental Restorative Material. *The Journal of Prosthetic Dentistry*, 122(2): 154-159.
- Mulyadi, A. T., Wulansuci, G., (2019) Pengaruh Metode Eksperimen terhadap Pengenalan Warna pada Anak Usia Dini, *Jurnal Ceria*. 2(3): 105-114.
- Murdiyanto, D., 2017, Potensi serat Alam Tanaman Indonesia Sebagai Bahan Fiber Reinforced Composite Kedokteran Gigi, *Jurnal Material Kedokteran Gigi*, 6(1):14-22.
- Murdiyanto, D., Pratiwi, S. G., (2019) Pengaruh penambahan serat kapas (*Gossypium sp.*) terhadap kekuatan fleksural resin komposit flowable. *Jurnal Ilmu Kedokteran Gigi*. 2(1): 1-5.
- Noort, R., Barbour, M. E., (2013) *Introduction to Dental Materials*. 4<sup>th</sup> ed. United Kingdom: Elsevier. pp 3-6, 95, 97, 98.
- Novianti, P., Setyowati, W. A. E., (2016) Pemanfaatan limbah kulit pisang kapok sebagai bahan baku pembuatan kertas alami dengan metode pemisahan alkalisasi. *Seminar Nasional Pendidikan Sains*. 458-466.
- Nurnasari, E., Nurindah, (2017) Karakteristik Kimia Serat Buah, Serat Batang, dan Serat Daun, *Buletin Tanman Tembakau, Serat, dan Minyak Industri*. 9(2):64-72.
- Nuraskin, C. A., Salfiyadi, T., Reza, Rahayu, E. S., Mardian, A., (2023) Promotif dan Preventif Dalam Upaya Pencegahan Karies Gigi pada Murid SD Negeri I Kayee Lheu Kabupaten Aceh Besar. *Jurnal Pengabdian Kepada Masyarakat*. 2(1):16-22.
- O'Brien, W. J., (2002) *Dental Material nad Their Selection*. 3<sup>rd</sup> ed. Michigan: Quintessence Publishing Co. pp 30.



- Odaira, C., Itoh, S., Ishibashi, K., (2011) Clinical evaluation of a dental color analysis system: The crysaley eye spectrophotometer. *Journal of Prosthodontic Research*. 55:199-2015.
- Pramestari, M. V., (2022) *Perbedaan tingkat stabilitas warna dari beberapa merk glass ionomer cement pada perendaman menggunakan minuman berkarbonasi*. Semarang: Skripsi Fakultas Kedokteran Gigi. pp 2, 40-44.
- Pratiwi, D., Salim, R. F., Komariah, (2021) The Effect Rhinoceros Beetle Nanochitosan on Compressive Strength of Glass Ionomer Cement. *Journal of Indonesian Dental Association*. 4(2): 111-116.
- Pratiwi, D., Azalia, A., Hasan, A. E. Z., Kurniawan, F. L., Margareta, D. L., (2023) Evaluasi perubahan warna semen ionomer kaca dengan penambahan ekstrak etanol propolis *Trigona spp.*. *e-GiGi*. 11(2): 233-238.
- Qin, Q. H., (2015) *Introduction to the composite and its toughening mechanisms*. Toughening Mechanisms in Composite Materials. 1-32.
- Rahayu, P. J., (2018) *Pengaruh penambahan sisal mikro teralkalisasi terhadap kekuatan tensile pada semen ionomer kaca konvensional*. Yogyakarta: Skripsi Fakultas Kedokteran Gigi. pp. 36.
- Ramadhani, A., Imam, D. N. A., Djati, F. K., (2018) Upaya Peningkatan Kesehatan Gigi dan Mulut Melalui Pendekatan Kuratif di Sekolah Dasar Negeri 2 Susukan, Kecamatan Sumbang, Kabupaten Banyumas. *Prosiding Semnas LLPM Unsoed*. 8(1):67-76.
- Robbins, R., (2010) *Scanning Electron Microscope Operation Zeiss Supra-40*, University of Texas, Dallas, pp 10, 11, 16, 21, 26, 29, 30, 42, 43.
- Saidah, A., Susilowati, S. E., Nofendri, Y., (2018) Pengaruh Fraksi Volume Serat Terhadap Kekuatan Mekanik Komposit Serat Jerami Pada Epoxy dan serat Jerami Padi Resin Yukalac 157. *Jurnal Konversi Energi dan Manufaktur UNJ*. 5(2): 96-101.
- Sakaguchi, R., Ferracane, J., Powers, J., 2019, *Craig's Restorative Dental Material*. 14<sup>th</sup> ed. Missouri: Elsevier Mosby. pp 1-2, 50, 156.
- Sanjay, M. R., Siengchin, S., Parameswaranpillai, J., Jawaid, M., Pruncu, C. I., Khan, A., (2019) A comprehensive review of techniques for natural fibers as reinforcement in composites: preparation, processing, and characterization. *Carbohydrate Polymers* 207. 108-121.
- Shen, C., Rawls, H. R., Esquivel-Upshaw, J. F., (2022) *Philips' Science of Dental Materials*. 13<sup>th</sup> ed. Missouri: Elsevier. pp 140.
- Sidhu, S. K., (2016) *Glass-Ionomers in Dentistry*. New York: Springer. pp 27, 46, 40, 41, 139.
- Silva, R. M., Santos, P. H. N., Souza, L. B., Dumont, V., C., Soar, J. A., Santos, M. H., (2013) Effect of Cellulose Fibers on The Physical and Chemical Properties of Glass Ionomer Dental Restorative Material. *Materials Research Bulletin*. 48(2013): 118-126.
- Sinitsky, O., Trabelsi, N., Priel, E., (2022) The mechanical response of epoxy-sisal composites considering fiber anisotropy: A computational and experimental study. *Fibers*. 14(43):1-17.



- Yao, Y., Dou, H., Liu, T., Wang, S., Gao, Y., Kang, J., Gao, X., Xia, C., Lu, Y., Fan, W., (2023) Micro and Nano-scale Mechanisms of Enzymatic Treatment in the Interfacial Behaviors of Sisal Fiber Reinforced Bio-based Epoxy Resin, *Elsevier*. 194.
- Yu, W., Yi, Y., Wang, H., Tang, Y., Zeng, L., Tan, Z. (2021) Light-colored Cellulose Nanofibrils Produced from Raw Sisal Fiber Without Costly Bleaching, *Industrial Crops and Product*. 172, 114009.
- Zajar, Z. N., (2018) *Variasi kadar penambahan sisal mikro tersilanisasi terhadap kekuatan kompresi semen ionomer kaca konvensional*. Yogyakarta: Skripsi Kedokteran Gigi. pp 32.