

DAFTAR PUSTAKA

- Amin, F., Qadir, F., Akram, S., 2014, Impact Strength of Acrylic Resin After Storage in Denture Cleansers, *Pakistan Oral & Dent. J.*, 34(4): 735-38.
- Anusavice, 2003, *Philips' Science of Dental Material* ^{11th}ed., Saunders, Missouri, h. 8, 91-92, 157, 164-166, 722, 724, 727-728, 738-746.
- Arora, S. J., Arora, A., Upadhyaya, V., Goyal, A., 2017, Evaluation of the Mechanical Properties of High Impact Denture Base Resin with Different Polymer to Monomer Ratios: An *In Vitro* Study, *Indian J. of Dent. Sci.*, 9(2): 67-72.
- Atiqah, A., Maleque, M. A., Jawaid, M., Iqbal, M., 2014, Development of Kenaf-Glass Reinforced Unsaturated Polyester Hybrid Composite for Structural Applications, *Composites Part B*, 56: 68-73.
- Begum, K., Islam, M. A., 2013, Natural Fiber as a Substitute to Synthetic Fiber in Polymer Composites: a Review, *Res. J. Engineering Sci.*, 2(3): 46-53.
- Budiarjo A., Wahyuningtyas, E., Sugiatno, E., Pengaruh Lama Pemanasan dengan Microwave terhadap Monomer Sisa dan Kekuatan Transversa pada Reparasi Plat Gigi Tiruan, *J. Ked. Gi.*, 5(2): 1-13.
- Carr, A. B., Brown, D. T., 2011, *McCracken's Removable Partial Prosthodontics* ¹²ed., Elsevier, Missouri, h. 105,106.
- Carvalho, K.C.C., Mulinari, D.R., Voorwald, H.J.C., Cioffi, M.O.H., 2010, Chemical Modification Effecton the Mechanical Properties of Hips/Coconut Fiber Composite, *Biosources*, 5(2): 1143-55.
- Chand, N., Fahim, M., 2008, *Tribology of Natural Fiber Polymer Composites*, Wood Head Publishing Limited, Cambridge, h. 22-23.
- Dandekeri, S., Prasad, D. K., Shetty, M., Hegde, C., Jagtani, M., 2014, An *in vitro* Study to Evaluate and Compare the Flexural Strength and Impact Strength of Different Heat Cure and Chemical Cure Acrylic Resins Under Various Conditions. *Sch. Acad. J. Biosci.*, 2: 978-82.
- David, Elly, 2005, Perubahan Warna Lempeng Resin Akrilik yang Direndam Dalam Larutan Desinfektan Sodium Hipoklorit dan Klorhexidin, *Maj. Ked. Gigi*, 38: 36-40.
- El-Sheikh, A. M., and Al-Zahrani, S. B., 2006, Cause of Denture Fracture: a Survey, *Saudi Dent. J.*, 18(3): 149-54.
- Fatimina, A. D., Benyamin, B., Fathurrahman, H., 2016, Pengaruh Posisi Serat Kaca (Fiber Glass) yang Berbeda terhadap Kekuatan Fleksural Fiber Reinforced Acrylic Resin, *Odonto Dent. J.*, 3(2): 128-32.
- Fauzi, F. A., Ghazalli, Z., Siregar, J. P., 2016, Effect of Various Kenaf Fiber Content on the Mechanical Properties of Composites, *J. of Mechanical Engineering and Sci.*, 10(3): 2226-33.

- Goguta, L., Marsavina, L., Bratu, D., Topala, F., 2006, Impact Strength of Acrylic Heat Curing Denture Base Resin Reinforced with E-glass Fibers, *J. Timisoara Medical*, 56(1): 88-92.
- Gunadi, H.A., Burhan, L.K., Suryatenggara, F., Margo, A., Setiabudi, I., 2012, *Ilmu Geligi Tiruan Sebagian Lepasan* ^{1st}ed., EGC, Jakarta, h. 30-47.
- Hadianto, E., Widjijono, Herliansyah, M. K., 2013, Pengaruh Penambahan Polyethylene Fiber dan Serat Sisal terhadap Kekuatan Fleksural dan Impak Base Plate Komposit Resin Akrilik, *Int. Dent. J.*, 2(2): 57-67.
- Hanafia, K. A., 2003, *Rancangan Percobaan: Teori dan Aplikasi* ³ed., Jakarta: PT Raja Grafindo Persada, Jakarta, h. 9.
- Hariyanto, A., 2009, Pengaruh Fraksi Volume Komposit Serat Kenaf dan Serat Rayon Bermatrik Poliester terhadap Kekuatan Tarik dan Impak, *Jurnal Penelitian Sains & Teknologi*, 10(2): 181-91.
- Hatrack, C. D., Eakle, W. S., Bird, W. F., 2011, *Dental Materials: Clinical Application for Dental Assistants and Dental Hygienists* ^{2nd}ed., Elsevier, Missouri, h. 203.
- Hatrack, C. D., Eakle, W. S., 2016, *Dental Materials: Clinical Applications for Dental Assistants and Dental Hygienists* ^{3th}ed., Elsevier, United States of America, h. 304.
- Kalia, S., Kaith, B. S., dan Kaur, I., 2009, Pretreatments of natural fibers and their application as reinforcing material in polymer composites - A review, *Polymer Engineering & Sci.*, 49(7): 1253-72.
- Kargarzadeh, H., Ahmad, I., Abdullah, I., Dufresne, A., Zainudin, S.Y., Sheltami, R.M., 2012, Effects of Hydrolysis Conditions on the Morphology, Crystallinity, and Thermal Stability of Cellulose Nanocrystals Extracted from Kenaf Bast Fibers, *Cellulose*, 19: 855-66.
- Koudi, M. S. Patil, S. B., 2007, *Dental Materials: Prep Manual For Undergraduates*, Elsevier, New Delhi, h. 57.
- Ku, H., Wang, H., Pattacharykoop, N., Trada, M., 2011, A Review on The Tensile Properties of Natural Fiber Reinforced Polymer Composite, *Composite: Part B*, 42: 856-73.
- Machado A. L., Bochio, B. C., Wady, A. F., Jorge, J. H., Canevarolo, S. V., Vergani, C. E., 2012, Impact Strength of Denture Base and Reline Acrylic Resins: An in vitro Study, *J. of Dent. Biomechanics*, 3: 1-7.
- Manappallil, J., 2010, *Basic Dental Materials* ^{3th}ed., Jaypee Brother Medical Publisher, New Delhi, h. 225, 395-396, 408-409.
- McCabe, J. F., Walls, A. W., 2008, *Applied Dental Materials* ^{9th}ed., Blackwell Publishing Ltd, Oxford, h. 10, 27, 110-112, 114-115, 119.

- Ming, G. T., Wen, M. L., Tai, C. W., San, Y. C., 2009, Improving the Mechanical Properties of Fiber-Reinforced Acrylic Denture-Base Resin, *Material and Design*, 30: 2468-72.
- Moran, J., Alvarez, V., Cyras, V., Vazquez, A., 2008, Extraction of Cellulose and Preparation of Nanocellulose from Sisal Fibers, *Cellulose*, 5: 149-59.
- Nagai, Eiichi, 2001, Repair of Denture Base Resin Using Woven Metal and Glass Fiber: Effect of Methylene Chloride Pretreatment, *J. Prosthet. Dent.*, 85: 496-500.
- Nasution, F. A. K., 2017, Penyelidikan Karakteristik Mekanik Tarik Komposit Serbuk Kasar Kenaf, *Jurnal Inotera*, 2(1): 1-8.
- Naveenkumar, R., Sharun, V., Dhanasakkaravarthi, B., Rajakumar, P. T., 2014, Comparative Study on Jute and Kenaf Fiber Composite Material, *Int. J. of Applied Sci. and Engineering Res.*, 4(2): 250-58.
- Nirwana, I., 2005, Kekuatan Transversal Resin Akrilik Hybrid Setelah Penambahan Glass Fiber dengan Metode Berbeda, *Maj. Ked. Gigi*, 38(1): 16-19.
- Nisar, S., Moeen, F., Hasan, U., 2015, Effect of Varying Curing Regimes and Powder-liquid Ratios on the Flexural Strength and Surface Porosities of Heat Cure Acrylic: An In-vitro Experiment, *Int. J. of Dent. Sci. and Res.*, 3(3): 64-71.
- Noerati, Gunawan, Ichwan, G., Sumihartati, A., 2013, *Teknologi Tekstil*, Sekolah Tinggi Teknologi Tekstil, h. 58.
- Noort, R. V., 2013, *Introduction to Dental Material* 4thed., Elsevier, New York, h. 36, 58, 175-179.
- Pambudi, R. R., Sulistyorini, R., Mayasari, L. O., 2017, Perbedaan Perendaman Plat Resin Akrilik pada Tablet Pembersih Gigi Tiruan Effervescent dan Air Rebusan Daun Sirih terhadap Penurunan Jumlah Koloni Jamur Kandida Albicans, *Prosiding Seminar Nasional Publikasi Hasil-Hasil Penelitian dan Pengabdian Masyarakat*, Semarang, h. 320.
- Prastito, L., Amran, D. A., 2016, Pengaruh Komposisi Serbuk Halus dan Kasar pada Komposit Kenaf Terhadap Pengujian Impak, *Jurnal Sekolah Tinggi Teknik Harapan Medan*, 11: 1-8.
- Purwanto, Asturi, W. D., Sosiati, H., Triyana, K., 2014, Karakteristik Morfologi dan Strukturmikro Serat Kenaf (*Hibiscus cannabinus L.*) Akibat Perlakuan Kimia, *Prosiding Pertemuan Ilmiah: XXVIII HFI*, Yogyakarta, h. 67.
- Rachmat, Salim, 2016, Studi Pengaruh Perlakuan Alkali dan Panas terhadap Sifat Mekanik Serat Kenaf untuk Bahan Komposit, *Bahari Jogja*, 14(22):1-11.
- Rowell, R. M., Stout, H. P., 2007, *Jute and Kenaf*, Handbook of Fiber Chemistry, Francis, h. 496.

- Sakaguchi, R. L., Powers, J. M., 2012, *Craig's Restorative Dental Materials* 13th ed., Elsevier, Philadelphia, h. 145, 157, 191-192.
- Sen, T., Reddy, H. N. J., 2013, Pretreatment of Woven Jute FRP Composite and its Use in Strengthening of Reinforced Concrete Beams in Flexure, *Advances in Materials Sci. and Engineering*, 13: 1-15.
- Shamsuddin, A., van Der Vossen, 2003, *Hibiscus cannabinus L. In M. Brink and R. P. Escobin (Eds): Plant Resources of South-East Asia No.17*, Fibre Plants, Backhyus Publishers, Leiden.
- Singha, A. S., Thakur, V. K., 2009, Study of Mechanical Properties of Urea-Formaldehyde Thermosets Reinforced by Pine Needle Powder, *J. Bioresources*, 4(1): 292-308.
- Sitorus, Z., Dahar, E., 2012, Perbaikan Sifat Fisis dan Mekanis Resin Akrilik Polimerisasi Panas dengan Penambahan Serat Kaca, *Dentika Dent. J.*, 17(1): 24-29.
- Sudjindro, 2011, Prospek Serat Alam untuk Bahan Baku Kertas Uang, *Jurnal Perspektif*, 10(2): 92-104.
- Subyakto, Masruchin, N., Prasetyo, K. W., dan Ismadi, 2013, Utilization of Micro Sisal Fibers as Reinforcement Agent and Polypropylene or Polyactic Acid as Polymer Matrices in Biocomposites Manufacture, *J. of Forestry Res.*, 10(1): 11-20.
- Tawakkal, I. S. M. A., Talib, R.A., Abdan, K., Ling, C.N., 2012, Mechanical and Physical Properties of Kenaf-Derived Cellulose (KDC)-Filled Polylactic Acid (PLA) Composite, *BioResources*, 7(2): 1643-55.
- Wardiansyah, Kurniawan, F. A., 2016, Respon Mekanis Prototipe Penahan Panas Knalpot Sepeda Motor Material Komposit Kenaf terhadap Uji Impak Jatuh Bebas, *Jurnal Sekolah Tinggi Teknik Harapan Medan*, 12: 1-8.
- Wulandari, F., Rostiny, Soekabagiono, 2012, Pengaruh Lama Perendaman Resin Akrilik Heat Cured dalam Eugenol Minyak Kayu Manis terhadap Kekuatan Transversa, *J. Of Prosthodontics*, 3(1): 1-5.
- Yuwono, A. H., 2009, *Buku Panduan Praktikum Karakteristik Material 1 Pengujian Merusak (Destructive Testing)*, Departemen Metalurgi dan Material Fakultas Teknik Universitas Indonesia, Jakarta, h. 19-22.
- Zampaloni, M., Pourboghraat, F., Yankovich, S. A., Rodgers, B. N., Moore, J., Drzal, L. T., Mohanty, A. K., Misra, M., 2007, Kenaf Natural Fiber Reinforced Polypropylene Composites: A Discussion on Manufacturing Problems and Solutions, *Composites Part A*, 38(6):1569-80.