

DAFTAR PUSTAKA

- [1] Z. Guohua, L. Ya, F. Cuilan, Z. Min, Z. Caiqiong, and C. Zongdao, 2006 “Water resistance, mechanical properties and biodegradability of methylated-cornstarch/poly(vinyl alcohol) blend film,” *Polym. Degrad. Stab.*, vol. 91, no. 4, pp. 703–711, Springer.: New York
- [2] R. A. Gross, 2012, “Biodegradable Polymers for the Environment,” *Science (80-.)*, vol. 803, no. 2002, pp. 803–808, Science : United States .
- [3] A. Hartono, 2018, “Pengaruh Penambahan Selulosa Bakteri Pada Matriks Polyvinyl Alcohol (PVA) dan Pati Ubi Kayu Terhadap Sifat Mekanik dan Serapan Uap Air”, Jurusan Teknik Mesin : Padang.
- [4] A. Retegi *et al.*, 2018, “Bacterial cellulose films with controlled microstructure-mechanical property relationships,” *Cellulose*, vol. 17, no. 3, pp. 661–669 Springer : New York,
- [5] H. Suryanto, 2017 “Analisis struktur serat selulosa dari bakteri,” *Pros. SNTT 2017 – Politek. Negeri Malang*, vol. 3, no. October, pp. 17–22, Jurusan Teknik Mesin : Politeknik Negeri Malang.
- [6] T. Zhou *et al.*, 2013 ,“Electrically conductive bacterial cellulose composite membranes produced by the incorporation of graphite nanoplatelets in pristine bacterial cellulose membranes,” *Express Polym. Lett.*, vol. 7, no. 9, pp. 756–766, Express Polymer Letter.
- [7] S. C. M. Fernandes *et al.*, 2009, “Novel transparent nanocomposite films based on chitosan and bacterial cellulose,” *Green Chem.*, vol. 11, no. 12, pp. 2023–2029,
- [8] K. Syamsu, H. Roliadi, K. P. Candra, and S. S. Hardiyanti, “Produksi Kertas Selulosa Mikroba Nata De Coco Dan Analisis Biokonversinya,” *J. Teknol. Pertan.*, vol. 8, no. 2, pp. 60–68, 2012.
- [9] C. D. Division *et al.*, “The structure and mechanical properties of sheets prepared from bacterial cellulose,” *J. Mater. Sci.*, vol. 24, no. 9, pp. 1–5, 1989.

- [10] L. Januastuti, 2019, "Pemanfaatan Limbah Ampas Tahu Sebagai Bahan Baku Pembuatan Plastik Biodegradable Dengan Plasticizer Sorbitol," Other thesis, Politek. Negeri Sriwijaya.
- [11] N. Azzahra, Z. M. Rizky, Yuliana, A. Meliagustin, and Suhendri, 2013, "Makalah Teknologi Polimer 'Pendahuaan Polimer,'" Tersedia di <https://scholar.google.com/citations?user=xY5AOAYAAAAJ&hl=en>.
- [12] A. Wicaksono, 2014 "Polimer (Makromolekul),", Politeknik Perkapalan Surabaya : Surabaya.
- [13] N. Karuniastuti, 2017 "Bahaya Plastik," *Forum Tenologi*, vol. 03, no. 1, pp. 6–14.
- [14] E. Wibiyana, 2017 "Pengaruh Penambahan Sorbitol," Bachelor thesis, Univ. Muhammadiyah Purwokerto.
- [15] L. W. McKeen, "Introduction to Plastics and Polymers Compositions," *Eff. UV Light Weather Plast. Elastomers*, pp. 1–16, 2013.
- [16] T. Puspitasari and C. L. Radiman, 2008 "Kopolimerisasi Cangkok Derajat Kristalinitas Selulosa Mikrobial (SM) dan," *Dep. Kim. FMIPA-ITB*, vol. 9, no. 3, pp. 204–207.
- [17] R. D. P. Harya, 2012 "Ekstraksi Serat Selulosa dari Tanaman Eceng Gondok (Eichornia Crassipes) dengan Variasi Pelarut," Skripsi, Universitas Indonesia : Depok.
- [18] A. N. Frone, S. Berlioz, J.-F. Chailan, D. M. Panaitescu, and D. Donescu, 2011, "Cellulose Fiber-Reinforced Polylactic Acid," *Polym. Compos.*, vol. 32, no. 6, pp. 976–985.
- [19] Sumaiyah, 2015, "Pembuatan dan Karakterisasi Selulosa Mikrokrystal dan Nanokrystal Tandan Aren (Arenga pinnata (Wurmb) Merr.) dan Penggunaannya sebagai Eksipien dalam Tablet Natrium Diklofenak," Disertasi, Univ. Sumatera Utara.
- [20] F. Esa, S. M. Tasirin, and N. A. Rahman, 2014, "Overview of Bacterial

Cellulose Production and Application,” *Agric. Agric. Sci. Procedia*, vol. 2, pp. 113–119.

- [21] N. Pratiwi, “Pengolahan Nata de Coco,” *Kompasiana*, 2015.
- [22] T. Fatimah, 2016, “Pemanfaatan Selulosa dari Tandan Kosong Sawit Untuk Sintesis dan Karakterisasi Carboxymethyl Cellulose (CMC),” Masters Thesis: Universitas Lampung.
- [23] S. Ifuku, M. Nogi, K. Abe, K. Handa, F. Nakatsubo, and H. Yano, 2007 “Surface modification of bacterial cellulose nanofibers for property enhancement of optically transparent composites: Dependence on acetyl-group DS,” *Biomacromolecules*, vol. 8, no. 6, pp. 1973–1978.
- [24] W. Kurniawan, 2013. “Karakterisasi Material Komposit Jerami-Epoksi Yang Dibuat Dengan Proses Vacuum Bag,” *Skripsi*.
- [25] B. Croop, 2014 “Astm d638 type iv,” p. 44, American Standard Testing and Material : American.
- [26] A. S. Anugrah, 2017, “Ultrasonic Cell Crusher Dan Variasi Serat Tandan Kosong Kelapa Ssawit (TKKS),” Universitas Andalas : Padang.
- [27] H. Abrial, V. Lawrensius, D. Handayani, and E. Sugiarti, 2018 “Preparation of nano-sized particles from bacterial cellulose using ultrasonication and their characterization,” *Carbohydr. Polym.*, vol. 191, no. February, pp. 161–167.
- [28] A. Purwanti, 2010 “Analisis kuat tarik dan elongasi plastik kitosan terplastisasi sorbitol,” *J. Teknol.*, vol. 3, no. 2, pp. 99–106.
- [29] J. Edward Pope, 1997, “Rules of Thumb for Mechanical Engineers” Golf Proffesional Publishing : United States.