

DAFTAR PUSTAKA

- [1] P. Coniwanti, L. Laila, and M. R. Alfira, “Pembuatan film plastik biodegradabel dari pati jagung dengan penambahan kitosan dan pemplastis gliserol,” *J. Tek. Kim.*, vol. 20, no. 4, 2015.
- [2] C. Amni, M. Marwan, and M. Mariana, “Pembuatan Bioplastik Dari Pati Ubi Kayu Berpenguat Nano Serat Jerami dan ZnO,” *J. Litbang Ind.*, vol. 5, no. 2, p. 91, 2015, doi: 10.24960/jli.v5i2.670.91-99.
- [3] R. Ardiansyah, “Pemanfaatan Pati Umbi Garut untuk Pembuatan Plastik Biodegradable,” *Depok Univ. Indones.*, 2011.
- [4] C. Huang, H. Ji, Y. Yang, B. Guo, and L. Luo, “TEMPO-oxidized bacterial cellulose nanofiber membranes as high-performance separators for lithium-ion batteries,” *Carbohydr. Polym.*, p. 115570, 2019, doi: 10.1016/j.carbpol.2019.115570.
- [5] S. Wang *et al.*, “Transparent, Anisotropic Biofilm with Aligned Bacterial Cellulose Nanofibers,” *Adv. Funct. Mater.*, vol. 28, no. 24, pp. 1–10, 2018, doi: 10.1002/adfm.201707491.
- [6] D. G. Callister, W. D., & Rethwisch, *Callister, W. D., & Rethwisch, D. G. (2007). Materials science and engineering: an introduction (Vol. 7, pp. 665-715). New York: John wiley & sons.*, 9th ed. New York, 2014.
- [7] A. Hartono, “Pengaruh Penambahan Selulosa Bakteri Pada Matriks Polyvinyl Alcohol (PVA) dan Pati Ubi Kayu Terhadap Sifat Mekanik dan Serapan Uap Air,” *Padang Univ. Andalas*, 2018.
- [8] R. B. Sampurno, “Aplikasi polimer dalam industri kemasan,” *J. Sains Mater. Indones.*, pp. 15–22, 2019.
- [9] F. Cheng and F. Jäkle, “Boron-containing polymers as versatile building blocks for functional nanostructured materials,” *Polym. Chem.*, vol. 2, no. 10, pp. 2122–2132, 2011.
- [10] A. Djuriawan, “Tugas Akhir Kajian Tentang Aplikasi Serat Sintetis dan Serat Alami Untuk Campuran Beton.”
- [11] M. Iguchi, S. Yamanaka, and A. Budhiono, “Bacterial cellulose—a

- masterpiece of nature's arts," *J. Mater. Sci.*, vol. 35, no. 2, pp. 261–270, 2000.
- [12] N. A. Yanti, S. W. Ahmad, and N. H. Muhiddin, "Potensi Nata de Coco sebagai Bahan Baku Plastik," pp. 24–26, 2017.
- [13] F. Esa, S. M. Tasirin, and N. Abd Rahman, "Overview of bacterial cellulose production and application," *Agric. Agric. Sci. Procedia*, vol. 2, pp. 113–119, 2014.
- [14] H. Abral, V. Lawrensius, D. Handayani, and E. Sugiarti, "Preparation of nano-sized particles from bacterial cellulose using ultrasonication and their characterization," *Carbohydr. Polym.*, vol. 191, pp. 161–167, 2018, doi: 10.1016/j.carbpol.2018.03.026.
- [15] H. Abral, N. Fajri, M. Mahardika, D. Handayani, E. Sugiarti, and H. J. Kimd, "A simple strategy in enhancing moisture and thermal resistance and tensile properties of disintegrated bacterial cellulose nanopaper," *J. Mater. Res. Technol.*, vol. 9, no. 4, pp. 8754–8765, 2020, doi: 10.1016/j.jmrt.2020.06.023.
- [16] A. Isogai, T. Saito, and H. Fukuzumi, "TEMPO-oxidized cellulose nanofibers," *Nanoscale*, vol. 3, no. 1, pp. 71–85, 2011, doi: 10.1039/c0nr00583e.
- [17] C. Huang *et al.*, "TEMPO-oxidized bacterial cellulose nanofiber membranes as high-performance separators for lithium-ion batteries," *Carbohydr. Polym.*, vol. 230, no. August 2019, p. 115570, 2020, doi: 10.1016/j.carbpol.2019.115570.
- [18] L. Mao, P. Ma, K. Law, C. Daneault, and F. Brouillette, "Studies on kinetics and reuse of spent liquor in the TEMPO-mediated selective oxidation of mechanical pulp," *Ind. Eng. Chem. Res.*, vol. 49, no. 1, pp. 113–116, 2010, doi: 10.1021/ie901039r.
- [19] American Society for Testing and Materials, "ASTM D638-14, Standard Practice for Preparation of Metallographic Specimens," *ASTM Int.*, vol. 82, no. C, pp. 1–15, 2016, doi: 10.1520/D0638-14.1.