

DAFTAR PUSTAKA

- [1] P. Bajpai, *Nanotechnology in Forest Industry*. Amsterdam, 2017.
- [2] D. A. Nugroho and P. Aji, "Characterization of Nata de Coco Produced by Fermentation of Immobilized *Acetobacter xylinum*," *Agric. Agric. Sci. Procedia*, vol. 3, pp. 278–282, 2015, doi: 10.1016/j.aaspro.2015.01.053.
- [3] A. L. R. Costa, A. Gomes, H. Tibolla, F. C. Menegalli, and R. L. Cunha, "Cellulose nanofibers from banana peels as a Pickering emulsifier: High-energy emulsification processes," *Carbohydr. Polym.*, vol. 194, no. January, pp. 122–131, 2018, doi: 10.1016/j.carbpol.2018.04.001.
- [4] S. Bel Haaj, A. Magnin, C. Pétrier, and S. Boufi, "Starch nanoparticles formation via high power ultrasonication," *Carbohydr. Polym.*, vol. 92, no. 2, pp. 1625–1632, 2013, doi: 10.1016/j.carbpol.2012.11.022.
- [5] Q. Cui, Y. Zheng, Q. Lin, W. Song, K. Qiao, and S. Liu, "Selective oxidation of bacterial cellulose by NO₂-HNO₃," *RSC Adv.*, vol. 4, no. 4, pp. 1630–1639, 2014, doi: 10.1039/c3ra44516j.
- [6] H. Abral, V. Lawrensus, D. Handayani, and E. Sugiarti, "Preparation of nano-sized particles from bacterial cellulose using ultrasonication and their characterization," *Carbohydr. Polym.*, vol. 191, no. September 2017, pp. 161–167, 2018, doi: 10.1016/j.carbpol.2018.03.026.
- [7] S. Widyaningsih and P. Purwati, "Pemanfaatan Membran Nata De Coco Sebagai Media Filtrasi Untuk Rekoveri Minyak Jelantah," *Molekul*, vol. 8, no. 1, p. 20, 2013, doi: 10.20884/1.jm.2013.8.1.122.
- [8] F. Esa, S. M. Tasirin, and N. A. Rahman, "Overview of Bacterial Cellulose Production and Application," *Agric. Agric. Sci. Procedia*, vol. 2, pp. 113–119, 2014, doi: 10.1016/j.aaspro.2014.11.017.
- [9] H. Abral, N. Fajri, M. Mahardika, D. Handayani, E. Sugiarti, and H. Kim, "A simple strategy in enhancing moisture and thermal resistance and tensile properties of disintegrated bacterial cellulose nanopaper," *Integr. Med. Res.*, vol. 9, no. 4, pp. 8754–8765, 2020, doi: 10.1016/j.jmrt.2020.06.023.

- [10] J. K. Park, J. Y. Jung, and T. Khan, *Bacterial cellulose*. Woodhead Publishing Limited, 2009.
- [11] M. Algayri, "Pengaruh Pemanasan Kembali terhadap Sifat Tarik dan Thermal Discoloration Film Biopolimer Bakteri Selulosa Serat Nata de Coco Menggunakan Metode Pembuatan dengan dan Tanpa Pembebanan Tekan," Andalas University, 2020.
- [12] P. Paximada, E. A. Dimitrakopoulou, E. Tsouko, A. A. Koutinas, C. Fasseas, and I. G. Mandala, "Structural modification of bacterial cellulose fibrils under ultrasonic irradiation," *Carbohydr. Polym.*, vol. 150, pp. 5–12, 2016, doi: 10.1016/j.carbpol.2016.04.125.
- [13] H. P. Zhao, X. Q. Feng, and H. Gao, "Ultrasonic technique for extracting nanofibers from nature materials," *Appl. Phys. Lett.*, vol. 90, no. 7, pp. 97–99, 2007, doi: 10.1063/1.2450666.
- [14] Y. Ni, J. Li, and L. Fan, "Effects of ultrasonic conditions on the interfacial property and emulsifying property of cellulose nanoparticles from ginkgo seed shells," *Ultrason. Sonochem.*, vol. 70, no. June 2020, p. 105335, 2021, doi: 10.1016/j.ultsonch.2020.105335.
- [15] M. H. Kim, D. Byun, J. You, and K. Choi, "Discoloration mechanism of polymer surface in contact with air – water interface," *J. Ind. Eng. Chem.*, vol. 19, no. 3, pp. 920–925, 2013, doi: 10.1016/j.jiec.2012.11.007.
- [16] G. T. Sivy, "Discoloration of Elastomeric Joint Sealants Discoloration of Elastomeric Joint Sealants," no. May, 2014.
- [17] K. Srinivas and K. K. Pandey, "Effect of heat treatment on color changes, dimensional stability, and mechanical properties of wood," *J. Wood Chem. Technol.*, vol. 32, no. 4, pp. 304–316, 2012, doi: 10.1080/02773813.2012.674170.
- [18] A. S. Sinaga, "SEGMENTASI RUANG WARNA L*a*b*," *J. Mantik Penusa*, vol. 3, no. 1, pp. 43–46, 2019.
- [19] D. G. R. William D. Callister, Jr., *Materials Science and Engineering an Introduction*, vol. 1. 2010.

- [20] S. R. D. Petroudy, *Physical and Mechanical Properties of Natural Fibers*. Elsevier Ltd, 2017.
- [21] A. Menyhárd *et al.*, “Direct correlation between modulus and the crystalline structure in isotactic polypropylene,” vol. 9, no. 3, pp. 308–320, 2015, doi: 10.3144/expresspolymlett.2015.28.

