

DAFTAR PUSTAKA

- [1] Callister, W. D, Rethwisch, D. G, 2010 “Materials Science And Engineering: An Introduction 8th (eighth) Edition”, John Wiley Sons, pp. 839–842.
- [2] Sahwan, F. L, Martono, D. H, Wahyono, Wisoyodharmo, L. A, 2005, “Sistem Pengelolaan Limbah Plastik di Indonesia”, P3TL-BPPT: vol. 6, no. 1, pp. 311–318.
- [3] Nurhalidah, S, 2013, “Potensi Pati Ketela Pohon Manihot Uttilisima Pohl Sebagai Bahan Baku Film Plastik Biodegradabel”, Makasar: Universitas Hasanuddin, pp. 1–54.
- [4] Dahman, Y, 2009, “Nanostructured Biomaterials and Biocomposites from Bacterial Cellulose Nanofibers,” J. Nanosci. Nanotechnol: vol. 9, no. 9, pp. 5105–5122.
- [5] Hermiati, E, Heri, D, Yanto, Y, 2009, “Proses Pembuatan Serat Selulosa Berukuran Nano dari Sisal (Agave sisalana) dan Bambu Betung (Dendrocalamus asper)”, Microscope: no. May 2014, pp. 57–65.
- [6] Yano, H, Ifuku, S, Nakatsubo, F, Nogi, M, Abe, K, Handa, K, 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.
- [7] Surono, U, B, Ismanto, 2016, “Pengolahan Sampah Plastik Jenis PP, PET dan PE Menjadi Bahan Bakar Minyak dan Karakteristiknya”, Yogyakarta: J. Mek. dan Sist. Termal, vol. 1, no. 1, pp. 7–13.
- [8] Resmi, S, 2019, “Kajian Tentang Aplikasi Serat Sintetis dan Serat Alami Untuk Campuran Beton”, Universitas Katolik Soegojapranata: pp. 1–11.
- [9] Coniwanti, P, Laila, L, Alfira, M. R, 2014, “Pembuatan Film Plastik Biodegradabel dari Pemplastis Gliserol,” Riau: J. Tek. Kim. UNSRI, vol. 20, no. 4, pp. 22–30.
- [10] Hartono, A, 2018, “Pengaruh Penambahan Selulosa Bakteri Pada Matriks Polyvinyl Alcohol (PVA) dan Pati Ubi Kayu Terhadap Sifat Mekanik dan Serapan Uap Air”, Padang: Universitas Andalas.

- [11] Siburian, Rikaso, A. F, Simbolon, T. R, Sebayang, K, Simanjuntak, K, 2017, "Polimer Ilmu material" Medan: Universitas Sumatera Utara.
- [12] Iguchi, M, Yamanaka, S, Budhiono, A, 2000, "Bacterial Cellulose - A Masterpiece Of Nature's Arts," J. Mater. Sci : vol. 35, no. 2, pp. 261–270.
- [13] Esa, F, Tasirin, S. M, Rahman, N. A, 2014, "Overview of Bacterial Cellulose Production and Application," Agric. Sci. Procedia: vol. 2, pp. 113–119.
- [14] Abral, H, Lawrensus, V, Handayani, D, and Sugiarti, E, 2018, "Preparation Of Nano-Sized Particles From Bacterial Cellulose Using Ultrasonication And Their Characterization," Carbohydr. Polym.: vol. 191, no. September 2017, pp. 161–167, 2018.
- [15] Nakagaito, A. N, Iwamoto, S, Yano, H, 2005, "Bacterial Cellulose: The Ultimate Nano-Scalar Cellulose Morphology For The Production Of High-Strength Composites," Appl. Phys. A Mater. Sci. Process.: vol. 80, no. 1, pp. 93–97.
- [16] Gustian, I, Sutanto, T. D, Adfa, M, 2006, "Efek Perendaman Larutan Alkali Terhadap Prilaku Film Kertas Dari Nata De Coco yang Dimodifikasi," Gradien: vol. 2, no. 1, pp. 126–129.
- [17] Nakayama, A, 2004, "High Mechanical Strength Double-Network Hydrogel With Bacterial Cellulose," Adv. Funct. Mater.: vol. 14, no. 11, pp. 1124–1128.
- [18] Al, D, Yuwono, S. S, Wulan, S. N, 2012, "Produksi Kertas Selulosa Mikrobanya Nata De Coco dan Analisa Biokonversinya", Samarinda: J. Teknol. Pertan, vol. 5, no. 3.
- [19] Annual Book of Standards, ASTM 638-05, 2002, "Standard Test Method for Tensile Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials", ASTM.
- [20] Hartatik, Y. D, Nuriyah, L, "Pengaruh Komposisi Kitosan terhadap Sifat Mekanik dan Biodegradable Bioplastik,", Malang: Universitas Brawijaya, pp. 3–6.
- [21] Yamanaka, S, Watanabe, K, Kitamura, N, 1989, "The Structure And Mechanical Properties Of Sheets Prepared From Bacterial Cellulose," J. Mater. Sci.: vol. 24, no. 9, pp. 1–5.

- [22] Omori, M, 1975, “Analysis In Continuous Silicon Carbide Tensile”,
Chemical Society Of Japan: pp. 1209–1212.
- [24] Edward, P. J, 1997, “Rules of Thumb for Mechanical Engineer”, Texas: Gulf
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