



DAFTAR PUSTAKA

- Al Mukminah, I. (2019). Bahaya Wadah Styrofoam dan Alternatif Penggantinya. *Farmasetika.Com (Online)*, 4(2). <https://doi.org/10.24198/farmasetika.v4i2.22589>
- BeMiller, J., & Whistler, R. (2009). *Starch, Chemistry and Technology* (second). Academic Press.
- Callister, W. D., & Rethwish, D. G. (2018). *Materials Science and Engineering An Introduction* (10th ed.). Wiley.
- Carraher, C. (2014). *Polimer Chemistry* (ninth). CRC press.
- Darni, Y., Mayanti, E., Anandati, G. M., Ginting, S. Br., Lismeri, L., Nugrahini, P., & Utami, H. (2023). Synthesis of Biofoam from Cassava Peel Starch, Banana Peel Starch and Chitosan as Additives. *Jurnal Bahan Alam Terbarukan*, 12(2), 120–128. <https://doi.org/10.15294/jbat.v12i2.44842>
- Fitriani, S., Yusmarini, Y., Riftyan, E., Saputra, E., & Rohmah, M. C. (2023). Karakteristik dan Profil Pasta Pati Sagu Modifikasi Pragelatinisasi pada Suhu yang Berbeda. *Jurnal Teknologi Hasil Pertanian*, 16(2), 104. <https://doi.org/10.20961/jthp.v16i2.56057>
- Haikal, H., & Muldarisnur, M. (2023). Analisis Sifat Fisis dan Mekanik Biodegradable Foam Berbahan Dasar Selulosa Jerami Padi dan Polivinyl Alcohol. *Jurnal Fisika Unand*, 12(4), 621–627. <https://doi.org/10.25077/jfu.12.4.621-627.2023>
- Hevira, L., Ariza, D., & Rahmi, A. (2021). PEMBUATAN BIOFOAM BERBAHAN DASAR AMPAS TEBU DAN WHEY. *Jurnal Kimia Dan Kemasan*, 43(2), 75. <https://doi.org/10.24817/jkk.v43i2.6718>
- Hutagalung, S., Sibarani, J., Pramesti, R. Y., & Puspaningtya, T. H. R. (2024). Modifikasi Biofoam Berbasis Pati Singkong dengan Serat Eceng Gondok dan Variasi Konsentrasi Plasticizer. *KOVALEN: Jurnal Riset Kimia*, 10(2), 114–125. <https://doi.org/10.22487/kovalen.2024.v10.i2.17104>
- Indarti, E., Muliani, S., & Yunita, D. (2023). Characteristics of Biofoam Cups Made from Sugarcane Bagasse with Rhizopus oligosporus as Binding Agent. *Advances in Polymer Technology*, 2023. <https://doi.org/10.1155/2023/8257317>
- Kemala, T., Fahmi, M. S., & Achmadi, S. S. (2010). Pembuatan dan Pencirian Polipaduan Polistirena- Pati. In *Jurnal Sains Materi Indonesia Indonesian Journal of Materials Science* (Vol. 12, Issue 1).



Laporan Hasil Penelitian

Sintesis Biodegradable Foam dari Styrofoam dan Pati Jagung

- Kumar, A., K., K., & Arumugam, K. (2011). Biodegradable Polymers and Its Applications. *International Journal of Bioscience, Biochemistry and Bioinformatics*, 1(3), 173–176.
- Mamuaja, C. F. (2017). *LIPIDA*. Unsrat Press.
- Mishara, M., & Duan, B. (2025). *The Essential Handbook Of Polymer Terms and attributes*. CRS Press.
- Muharram, F. I. (2020). Penambahan Kitosan Pada Biofoam Berbahan Dasar Pati. *EDUFORTECH*, 5(2), 118–127. <http://ejournal.upi.edu/index.php/edufortech>
- Rahman. Shafiur. (1995). *Food Properties Handbook*. CRC Press.
- Rochmadi, & Permono, A. (2018). *Mengenal Polimer dan Polimerisasi*. Gadjah Mada University Press.
- Salgado, P. R., Schmidt, V. C., Molina Ortiz, S. E., Mauri, A. N., & Laurindo, J. B. (2008). Biodegradable foams based on cassava starch, sunflower proteins and cellulose fibers obtained by a baking process. *Journal of Food Engineering*, 85(3), 435–443. <https://doi.org/10.1016/j.jfoodeng.2007.08.005>
- Sari, G. F. (2022). The effect of proportion of ganyong starch and waste of straw rice on biodegradable foam production as sustainable packaging. *IOP Conference Series: Earth and Environmental Science*, 1041(1). <https://doi.org/10.1088/1755-1315/1041/1/012003>
- Septiati, Y. (2023). *Teknologi Pengemasan Pangan Antimikroba Yang Ramah Lingkungan*. PT Nsya Expaning Management.
- Setiarto, H. B. (2020). *Teknologi Pengemasan Pangan Antimikroba yang Ramah Lingkungan*. Guepedia .
- Sudi, R., Fisika Fakultas MIPA, J., & Syiah Kuala, U. (2013). The Study of Starch Seeds Durian (Durio zibethinus) Effect as the Filler Material on Tensile Strength and Biodegradation of Polymers Polystyrene (PS). In *Journal of The Aceh Physical Society*, SS (Vol. 2, Issue 1).
- Whistler, L., & Daniel J.R. (1996). *Food chemistry, Carbohydrates*. CRC Press.