

## DAFTAR PUSTAKA

1. RenSun Lee, Maruscha Pranata, Zeynep Ustunol , Eva Almenar., Influence of glycerol and water activity on the properties of compressed egg white-based bioplastics, *Journal of food engineering*, 2013, 118, 32-33.
2. Nassima El Miri, Karima Abdelouahdi, Mohamed Zahouily, Aziz Fihri, Abdellatif Barakat, Abderrahim Solhy, Mounir El., Bio-nanocomposite films based on cellulose nanocrystals filled polyvinyl alcohol/chitosan polymer blend, *Applied polymer*, 2015, 1-3.
3. Zulisma Anita, Fauzi Akbar, Hamidah Harahap., Pengaruh Penambahan Gliserol Terhadap Sifat Mekanik Film Plastik Biodegrasi Dari Pati Kulit Singkong, *Jurnal Teknik Kimia*, 2013, 2, 37-38.
4. R. Laxmana Reddy, V. Sanjeevani Reddy, G. Anusha Gupta., Study of bio-plastics as green & sustainable alternative to plastics, *Emerging Tech And Advance Eng*, 2013, 3, 82-83.
5. Ezeoha, S.L., Ezenwanne, J. N., Production of biodegradable plastic packaging film from cassava starch. *IOSR Journal of Engineering (IOSRJEN)*, 2013, 3:14-20
6. Sinaga, F. R., Ginting, G. M., Ginting, M, H. S., Hasibuan, R., Pengaruh Penambahan Gliserol terhadap Sifat Kekuatan Tarik dan Pemanjangan Saat Putus Bioplastik dan Pati Umbi Talas, *Jurnal Teknik Kimia USU*, 2014, 3(2):19-24
7. Zuraida, A., Yuzliza, Y., Anuar, H., Mohd Khairul Muhaimin, R., The effect of water and citric acid on sago starch bio-plastics, *Food Reasearch Journal*, 2012, 19(2):715-719
8. Munthoub, I. D., Rahman, W. A. W. A. Tensile and water absorption properties of biodegradable composites derived from cassava skin/polyvinyl alcohol with glycerol as plastisizer, *Sains Malaysiana*, 2011. 49(7): 713-718.
9. Widyaningsih, S., Kartika, D., Nurhayati., Pengaruh Penambahan Norbitol dan Klasium Karbonat terhadap Karakteristik dansifat Biodegradasi Film dari pati Kulit Pisang, *Molekul*, 2012, 2012, 7(1): 69-81.
10. Noryawati Mulyono, Maggy Thenawidjaja Suhartono, Stella Angelina., Development of bioplastic based on cassava flour and its starch derivatives for packaging, *Journal of Harmonized Research in Applied Science*, 2015, 3(2). 125-126.

11. Amalia I. Cano., Maite Cháfer., Amparo Chiralt., Chelo González-Martínez., Physical and microstructure properties of biodegradable films based on pea starch, *Journal Of Food Engineering*, 2015.
12. D. Beneroso, J.M. Bermúdez, A. Arenillas, J.A. Menéndez-Beneroso, D., Comparing the composition of the synthesis-gas obtained from the pyrolysis of different organic residues for a potential use in the synthesis of bioplastics, *Journal of analytical and applied pyrolysis*, 2014.
13. Ying Jian Chen., Bioplastics and their role in achieving global sustainability, *Journal of chemical and pharmaceutical research*, 2014,6(1), 226-227.
14. Nurul Asni, Djonaedi Saleh, Nadia Rahmawati<sup>2</sup>., Plastik Biodegradable Berbahan Ampas Singkong Dan Polivinil Asetat, *Seminar nasional fisika*, 2015.
15. Xiaozhi Tang, Sajid Alavi., Recent advances in starch, polyvinyl alcohol based polymer blends, nanocomposites and their biodegradability, *Carbohydrate Polymers*, 2011, 7-10.
16. Eliangela de M. Teixeira, Antônio A.S. Curvelo, Ana C. Corrêa, José M. Marconcini, Gregory M. Glenn, Luiz H.C. Mattoso., Properties of thermoplastic starch from cassava bagasse and cassava starch and their blends with Poly (Lactic Acid), *Industrial Corps and Products*, 2012, 37. 61-62.
17. N. A. Azahari, N. Othman, H. Ismail., Biodegradation studies of polyvinyl alcohol/corn starch blend films in solid and solution media, *Journal of Physical Science*, 2011, 22(2), 15–16.
18. Bourtoom, T., Plasticizer effect on the properties of biodegradable blend film from rice starch-chitosan, *Songklanakarin Journal of Science and Technology*, 2008, 30:149-165
19. Carolin Menzel, Kristine Koch., Impact of the coating process on the molecular structure of starch-based barrier coatings, *Journal of Applied Polymer*, 2014, 1-2.
20. L.S. Zárate-Ramírez, Romeroa, I. Martínezb, Bengoecheaa, P. Partalb, A. Guerrero., Effect of aldehydes on thermomechanical properties of gluten-based bioplastics, *Food And Bioproducts Processing*, 2014, 2, 20–21.
21. Farayde M. Fakhouria, Daryne Costa, Fábio Yamashita, Silvia M. Martelli, Rodolfo. Jesusa, Katlen Alganera, Fernanda P. Collares-

- Queiroze, Lucia H. Innocentini-Mei., Comparative study of processing methods for starch/gelatin films, *Carbohydrate Polymers*, 2013, 681-682.
22. Juari, J., Pembuatan dan Karakterisasi Bioplastik dari Poly-3-hidroksialkanoat (PHA) yang Dihasilkan Ralstonia Eutropha pada Hidrolisat Pati Sagu dengan Penambahan Dimetil Ftalat (DMF), Skripsi, Fakultas Teknologi Pertanian, Institut Pertanian Bogor, Bogor, 2006.
23. Gedney, R., Materials Testing Guide, ADMET, Inc. Norwood, 2013.
24. Kristianingrum, S. Spektroskopi Infra merah, Handout, Universitas Negeri Yogyakarta.
25. Dunlap, M dan Adaskaveg, J. E., Introduction to The Scanning Electron Microscope. U.C. Davis. 1997
26. Gautum, N. dan Kaur, I., Soil burial biodegradation studies of starch grafted polyethylene and identification of Rhizobium meliloti thereform, *Journal of Environmental Chemistry Ecotoxicology*, 2013, 5(6): 147-158.
27. Al Ummah, N., Uji Ketahanan Biodegradable Plastik Berbasis Tepung Biji Durian ((*Durio zibethinus* Murr). Skripsi, FMIPA, Universitas Negeri Semarang, Semarang, 2013.
28. Gilang Pandu Lazuardi, Pembuatan Dan Karakterisasi Bioplastik Berbahan Dasar Kitosan Dan Pati Singkong Dengan *Plasticizer* Gliserol, *UNESA Journal Of Chemistry*, 2013, 2, 161-166
29. Todurachi, N., Cascaval, C. N., Rusu, M., Pruteanu, M., Testing Polyvinyl alcohol and mixture as biodegradable polymer materials, *Elsevier Science*, 2000, 19:785-799
30. Fetty Anggraini, Aplikasi *Plastisizer* Gliserol pada Pembuatan Plastik Biodegradable dari Biji Nangka, *Indonesian Journal of Chemical Science*, 2013, 2, 173-178
31. Rahim A., Alam N., Haryadi dan Susanto U., Pengaruh konsentrasi pati aren dan minyak sawit terhadap sifat fisik dan mekanik edible film, *Jurnal Agroland*, 2010, 17(1): 38-46
32. Septiosari, A., Latifah, L., Kusumastuti, E: Pembuatan Dan Karakterisasi Bioplastik Limbah Biji Manga Dengan Penambahan Selulosa Dan Gliserol., *Indonesian Journal of Chemical Science*, 2014, 3(2):1-6