

DAFTAR PUSTAKA

- Anonymous. 1985. Chemisch-Technologisches Spezial Praktikum fuer Holzwirte. Ordinarlat fuer Holztechnologi. Universitaet Hamburg. Hamburg-Germany.
- Arbenz, Alice dan Luc A. 2015. Oxyalkylation of gambier tannin Synthesis and characterization of ensuing biobased polyols. Industrial Crops and Products 67. 295–304.
- Benyahya, S., Aouf, C., Caillol, S., Boutevin, B., Pascault, J.P. dan Fulcrand, H. 2014. Functionalized green tea tannins as phenolic prepolymers for bio-based epoxy resins. Ind. Crops Prod. 53, 296–307
- Celzard, A., Zhao, W., Pizzi, A. dan Fierro, V. 2010. Mechanical properties of tannin-based rigid foams undergoing compression. Mater. Sci. Eng. A 527 (16–17), 4438–4446.
- Cheremisinoff, N.P dan Dekker, M. 1989. Handbook of polymer dan science technology. Cheremisinoff dan Dekker Inc. New York dan Basel.
- Cop, M., Laborie, M.-P., Pizzi, A. dan Sernek, M. 2014. Curing characterisation of spruce tannin-based foams using the advanced isoconversional method. Bioresource 9 (3), 4643–4655.
- Cop, Lacoste, Conradi, Laborie, Pizzi dan Sernek. 2015. The effect of the composition of spruce and pine tannin-based foams on their physical, morphological and compression properties. Industrian Crops and Product 74. 158-164.
- Crankoic, G.M. 1986. Material Characterization, ASM International. USA.
- D'souza, J dan Yan, N., 2013. Producing bark-based polyols through liquefaction: effect of liquefaction temperature. ACS Sustain. Chem. Eng. 1 (5), 534–540.
- Firdaus, Folra F. 2014. Synthetic and Characterization of Soy-Based Polyurethane Foam with Utilization of Ethylen Glycol in Polyol. Makara J. Technol. 18/1. 11-16.
- Garcia, D.E., Glasser, W.G., Pizzi, A., Lacoste, C. dan Laborie, M.-P., 2014. Polyphenolic resins prepared with maritime pine bark tannin and bulky-aldehydes. Ind. Crops Prod. 62, 84–93.
- Hagerman, A, E. 2002. Tanin Chemistry. Department of chemistry and Biochemistry. Miami University. Oxford.

- Harbertson, J.F., Kilmister, R.L., Kelm, M.A. dan Downey, M.O. 2014. Impact of condensed tannin size as individual and mixed polymers on bovine serum albumin precipitation. *Food Chem.* 160, 16–21
- Kasim, A., Asben, A., dan Mutiar, S. 2014. Kajian kualitas gambir dan hubungannya dengan karakteristik kulit tersamak. *Majalah Kulit, Karet, dan Plastik.* Vo. 31 Noo. 1. Hal . 55-63.
- Kassim M. J., Hussin H. S., Achmad, A., Dahon, N. H., Suan, T. K. dan Hamdan, H. S. 2011. Penentuan kandungan fenol total, tannin terkondensasi dan flavonoid dan aktiviti antioksidan ekstrak Uncaria gambir. *Majalah Farmasi Indonesia*, 22(1), 50 – 59.
- Rafsanjani MK dan Rukmi PWD. 2015. Karakterisasi Rkstrak Kulit Jeruk Bali Menggunakan Metode Ultrasonic Bath (Kajian Perbedaan Pelarut dan Lama Ekstraksi). *Jurnal Pangan dan Agroindustri.* Vol. 3 no 4. P. 1473-1480.
- Lacoste, C., Basso, M.C., Pizzi, A., Laborie, M.-P., Celzard, A. dan Fierro, V. 2013. Pine tannin-based rigid foams: mechanical and thermal properties. *Ind. Crops Prod.* 43, 245–250.
- Lacoste, C., Pizzi, A., Basso, M.-C., Laborie, M.-P. dan Celzard, A. 2014a. Pinus pinaster tannin/furanic foams: part 1. Formulation. *Ind. Crops Prod.* 52, 450–456.
- Lacoste, C., Pizzi, A., Laborie, M.-P. dan Celzard, A. 2014b. Pinus pinaster tannin/furanic foams PART II physical properties. *Ind. Crops Prod.* 61, 531–536
- Lacoste, Basso, Pizzi, Celzard, dan Laborie. 2015. Natural Albumin/tannin cellular foams. *Industrial Crop and Product* 73. 41-48.
- Laga Suban, Stefanus., Farid, Moh., 2015. Pengaruh Panjang Serat terhadap Nilai Koefisien Absorpsi Suara dan Sifat Mekanik Komposit Serat Ampas Tebu dengan Matriks Gipsum. *JURNAL TEKNIK ITS* Vol. 4, No. 1, (2015) ISSN: 2337-3539 (2301-9271 Print).
- Lagel, M.C., Pizzi, A., Giovando, S. dan Celzard, A. 2014. Development and characterisation of phenolic foams with phenol-formaldehyde-chestnut tannins resin. *J. Renew. Mater.* 2 (3), 220–229.
- Landrock, A.H. 1995. Hanbook of plastic foams, 1 th Edition. Noyes Publications.

- Lestari, N. A. 2015. Makalah Farmakognasi-Tanin. Academia-Edu. https://www.academia.edu/7268353/Makalah_Farmakognosi-Tanin
- Li, X., Pizzi, A., Cangemi, M., Navarrete, P., Segovia, C., Fierro, V. dan Celzard, A. 2012a. Insulation rigid and elastic foams based on albumin. *Ind. Crops Prod.* 37, 149–154.
- Li, X., Pizzi, A., Cangemi Fierro, V. dan Celzard, A. 2012b. Flexible natural tannin-based and protein-based biosourced foams. *Ind. Crops Prod.* 37, 389–393.
- Pizzi, A., Celzard, A., Fierro, V. dan Tondi, G. 2012. Chemistry, morphology, microtomography and activation of natural and carbonized tannin foams for different applications. *Macromol. Symp.* 313–314 (1), 100–111.
- Pizzi, A. 2006. Recent developments in eco-efficient bio-based adhesives for wood bonding: opportunities and issues. *J. Adhes. Sci. Technol.* 20 (8), 829–846
- Pinelo, M., Fabbro, P.Del., Manzocco, Lara., Nicoli, M.J.N. dan Cristina, M. 2005. Optimization of continuous phenol extraction from *Vitis vinifera* by products. *Food Chemistry.* 92: 109–117.
- Raquez, J.-M., Deleglise, M., Lacrampe, M.-F. dan Krawczak, P. 2010. Thermosetting (bio) materials derived from renewable resources: a critical review. *Prog. Polym. Sci.* 35 (4), 487–509.
- Rauf, R., Santoso, U. dan Suparmo. 2010. Aktivitas Penangkapan Radikal DPPH Ekstrak Gambir (*Uncaria gambir Roxb.*). *Agritech.* Vol. 30, No. 1: 1-11
- Rohaeti, Eli dan Suyanta. 2011. Sintesis Busa Poliuretan dari Minyak Jarak Sebagai Bahan Isolator Panas. *Jurnal Penelitian SAINTEK.* Volume 16, Nomor 1, April 2011. Hal. 57-72.
- Roffael, E., Dix, B. dan Okum, J. 2000. Use of spruce tannin as binder in particleboards and medium density fiberboards (MDF). *Holz Roh Werkst.* 58 (5), 301–305.
- Sanchez-Martin, J., Beltran-Heredia, J. dan Delgado-Regana, A., Rodriguez-Gonzalez, M.A. dan Rubio-Alonso, F. 2013. Adsorbent tannin foams: new and complementary applications in wastewater treatment. *Chem. Eng. J.* 228, 575–582.
- Stadelman dan Cotteril. 1995. Egg Science and Technology. 4th Ed. Food Products Press. An Imprint of The Haworth Press, Inc. New York.

Szczurek, A., Fierro, V., Pizzi, A. dan Celzard, A. 2013. Mayonnaise, Whipped Cream and Meringue, a New Carbon Cuisine. CARBON 58 . 238 –251

Szczurek,A., Fierro,V., Pizzi.A., Stauber, M. dan Celzard,A. 2014. A New Method for Preparing tannin-based foams. Industrial Corp and Product 54 . 40 –53

Sri, Irinty, R dan Verawati, R. 2012. Variasi Komposisi pelarut Metanol-air pada ekstraksi daun gambir. Prosiding STNK TOPI. Hal. 1-4

Sri, Irianti, R dan Yenti, S.R. 2014. Pengaruh perbandingan pelarut etanol-air terhadap kadar tanin pada sokletasi daun gambir (*uncaria gambir roxb*). SAGU, Maret 2014 Vol. 13 No. 1 : 1-7

Tondi, G. dan Pizzi, A. 2009. Tannin-based rigid foams: characterization and modification. Ind. Crops Prod. 29, 356–363.

Yeni, G., Sa'id, E.G., Syamsu, K. dan Mardliyati. 2014. Penentuan Kondisi Terbaik Ekstraksi Antioksidan dari Gambir Menggunakan Metode Permukaan Respon. Jurnal Litbang Industri, Vol.4 No.1, Juni 2014: 39-48.

Yuso, A, Martinez de., Lagel, M.C., Pizzi, A., Fierro, A. dan Celzard, A. 2014. Structure and properties of rigid foams derived from quebracho tannin. Materials and Design 63 (2014) 208–212.

