



DAFTAR PUSTAKA

- Acikgoz, C., Onay, O., Kockar, O.M., 2004, “*Fast Pyrolysis of Linseed: Product Yields and Compositions*”, Journal of Analytical and Applied Pyrolysis, 71, pp. 417–429.
- Aramideh, S., 2014, “*Numerical simulation of biomass fast pyrolysis in fluidized bed and auger reactor*”, Graduate Theses and Dissertations, Iowa State University, Paper 14093.
- Aries, R., & Newton, R. (1955). Chemical Engineering Cost Estimation.
- Barati, M., Babatabar, M., Tavasoli, A., Dalai, A.K., Das, A., 2014, “*Hydrogen production via supercritical water gasification of bagasse using unpromoted and zinc promoted Ru/Y-Al₂O₃ nanocatalysts*”, Fuel Processing Tech., pp. 140-148.
- Brown, G.G., Katz, D., Foust, A.S., dan Schneidewind, C., 1978, “UnitOperation”, John Wiley and Sons, Inc., New York.
- Chandler, A.J., Eighmy, T.T., Hjelmar, O., Kosson, D.S., Sawell, S.E., Vehlow, J., van der Sloot, H.A., dan Hartlen, J., 1997, “*Municipal Solid Waste Incinerator Residues*”, first edition, Vol.67, Elsevier.
- Coughanowr, D. R. (2009). Process System Analysis and Control 3rd Edition. New York: McGraw-Hill.
- Crowl, A.A. and Louvar, J.F., 2002, “Chemical Process Safety”, 2nd ed., Prentice Hall PTR, New Jersey.
- Edy, H., Febry A.P.A.G., Sigitro, dan Yulianto, M., 2015, “*Temperature Distribution of the Plastics Pyrolysis Process to Produce Fuel at 450°C*”, Procedia Environmental Sciences, 28, pp. 234-241.
- Evans, F. L., 1980, “*Equipment Design Handbook*”, Gulf Publishing Company, Tokyo.
- Henan Pingyuan Mining Machinery, 2018, <http://www.pkmachinery.com/>, Diakses pada tanggal 9 Februari 2018 pukul 20.30 WIB.
- Inglezakis V., dan Poulopoulos S., 2006, “*Adsorption, Ion Exchange and Catalysis, Design of Operations and Environmental Applications*”, first ed., Elsevier, Amsterdam.
- Jacobsen, R.T., dan Stewart R.B., 1973, “*Thermodynamics Properties of Nitrogen Including Liquid and Vapor Phase from 63 K to 2000 K with Pressures to 10000 Bar*”, *J. Phys. Chem. Ref. Data.* Vol 2. No 4, 758-786.



Kern, D.Q., 1965, "Process Heat Transfer", Int.ed., p. 102-160, New York, Mc Graw-Hill Book Company.

Kunii, D., dan Levenspiel, O., 1969, "Fluidization Engineering", Oxford: Butterworth-Heinemann.

Levenspiel, O., 1962, “*Chemical Reaction Engineering Third Edition*”, New York: John Wiley & Sons Ltd.

Li, M., dan Shaw, H., 2000, "Reaction Kinetics of Hydrogen Chloride with Calcium Oxide by Fourier Transform Infrared Spectroscopy", *Ind. Eng. Chem. Res.*, 1898-1902.

Lopez, A., Marco, I., Caballero, B.M., Laresgoiti, M.F., Adrados, A., 2010, "Pyrolysis of Municipal Plastic Wastes: Influence of Raw Material Composition", Waste Management 30, pp. 620-627.

Metcalf dan Eddy, 2003, "Wastewater Engineering Treatment and Reuse", 4thed.,Mc Graw Hill Companies, Inc., Hongkong

Milligan, D., & Milligan, J. (2014). Matches. Retrieved May 16, 2018, from
<http://matche.com/equipcost/EquipmentIndex.html>

Mohn, D., Pittman, C.U., dan Steele, P.H., 2006, "Pyrolysis of wood/biomass for biooil: a critical review", Energy and Fuels, 20(3), pp. 848-889.

Nindita, V., 2016, "Studi Berbagai Metode Pembuatan BBM Dari Sampah Plastik Jenis LDPE dan PVC Dengan Metode Thermal & Catalytic Cracking (Ni-Cr/Zeolit)", Teknis, 10(3).

Osueke dan Ofundu, 2011, “*Conversion of Waste Plastics (Polyethylene) to Fuel by Means of Pyrolysis*”, (IJAEST) International Journal of Advanced Engineering Sciences and Technologies, 4(1), pp. 021 – 024.

Perry, R. H., dan Green D. W., 1997, "Chemical Engineer's Hand Book", 7th ed, Mc Graw-Hill Book, New York.

Peters, M., Timmerhaus, K., West, R., & Peters, M. (2003). *Plant Design and Economics for Chemical Engineers*.

Peters, M. S., Timmerhaus, K. D., & West, R. E. (2002). Equipment Costs for Plant Design and Economics for Chemical Engineers. Retrieved May 14, 2018, from <http://www.mhhe.com/engcs/chemical/peters/data/ce.html>.

Polymerdatabase.com, Diakses pada tanggal 3 Desember 2017 pada pukul 23.49 WIB.



- Powell, S.T., 1954, "Water Conditioning for Industry", 1sted., Mc Graw HillBook Co., Tokyo.

Scheirs, J., dan Kaminsky, W., 2006, "*Feedstock Recycling and Pyrolysis of Waste Plastic*", John Wiley & Sons.

Supramono, D., dan Pipin A., 2013, "Pengaruh Torefaksi Terhadap Sifat Fisik Pellet Biomassa Yang Dibuat Dari Bahan Baku Bagas Tebu", Fakultas Teknik Universitas Indonesia.

Tanger, P., Field, J.L., Jahn, C.E., DeFoort, M.W., and Leach, J.E., 2013, "*Biomass for thermochemical conversion: targets and challenges*", Frontier in plant science, 4.

Treybal, R.E., 1975, "Mass Transfer Operation", 3rd ed., pp. 189-210; 252-261,McGraw-Hill Book Company, Singapore.

Trisunaryanti, W., 2010, "*Optimation of Time and Catalyst/Feed Ratio in Catalytic Cracking of Waste Plastics Fraction to Gasoline Fraction Using Cr/Natural Zeolite Catalyst*", Indonesian Journal of Chemistry, 2(1), pp.30-40.

Turton, R., Bailie, R.C., Whiting, W.B., Shaeiwitz, J.A., and Bhattacharrya,D., 2012, "*Analysis, Synthesis and Design of Chemical Processes*", 4th ed., New Jersey : Prantice Hall.

Ulrich, G. D. (1984). A Guide to Chemical Engineering Process Design and Economics. *AIChE Journal*, 30(6), 1036. <https://doi.org/10.1002/aic.690300636>.

Williams, P.T., 1994, "*Analysis and Application of Pyrolysis*", Journal of Renewable Energy, 29, pp. 111-128.

Williams, P.T., dan Slaney, E., 2007, "*Analysis of Products from the Pyrolysis and Liquefaction of Single Plastics and Waste Plastic Mixtures*", Journal of Resources Conservation & Recycling 51, pp.754-769.

Yaws, C.L., 1999, *Chemical Properties Handbook Physical, Thermodynamic,Enviromental, Transport, Safety, and Health Related Properties For Organic and Inorganic Chemicals*, Mc Graw Hill Book Companies, Inc.,New York.

Zeaiter, J., 2014, "*A Process Study on the Pyrolysis of Waste Polyethylene*", Journal of Fuel 133, pp. 276-282.

<https://www.sciencelab.com/>, diakses tanggal 6 Mei 2018.

<https://www.praxair.com/> , diakses tanggal 6 Mei 2018.

Bank Indonesia. (2017a). Interest Rate of Rupiah Loans by Group of Banks, 104–105.

Bank Indonesia. (2017b). Interest Rate of Rupiah Loans by Group of Banks, 102–103.