

## DAFTAR PUSTAKA

- Aries, R.S. and Newton, R.D., 1955, “*Chemical Engineering Cost Estimation*”, McGraw-Hill Book Company, New York.
- BPS Kota Cilegon (2021) Pertumbuhan Ekonomi Kota Cilegon Tahun 2021.
- Bukhari, S. S., Behin, J., Kazemian, H., & Rohani, S. (2014). *A comparative study using direct hydrothermal and indirect fusion methods to produce zeolites from coal fly ash utilizing single-mode microwave energy*. Journal of Materials Science, 49(24), 8261–8271. <https://doi.org/10.1007/s10853-014-8535-2>
- Brown, G.G., 1950, “*Unit Operation*”, John Wiley and Sons, Inc., New York.
- Brownell, L.E. and Young, E.H., 1979, “*Process Equipment Design*”, John Wiley and Sons, Inc., New York.
- Chareonpanich, M., & Namto, T. (2005). 05/00084 *Synthesis of ZSM-5 zeolite from lignite fly ash and rice husk ash*. Fuel and Energy Abstracts, 46(1), 13. [https://doi.org/10.1016/S0140-6701\(05\)80085-2](https://doi.org/10.1016/S0140-6701(05)80085-2)
- Coulson, J.M., and Richardson J.F., 2005, “*Chemical Engineering*”, Vol.6. 4<sup>th</sup> ed., Pergmon Press, Oxford.
- Feng, W., Wan, Z., Daniels, J., Li, Z., Xiao, G., Yu, J., ... Kevin, G. (2018). Synthesis of high quality zeolites from coal fly ash : Mobility of hazardous elements and environmental applications. Journal of Cleaner Production, 202, 390–400. <https://doi.org/10.1016/j.jclepro.2018.08.140>
- Golemme, G. dkk. 1991. *Kinetic Study on the Nucleation of (Na,TPA)-ZSM-5 Zeolite*. Zeolites. 11. 776-782.

<https://earth.google.com/web/>, diakses pada tanggal 17 November 2021.

<http://ppid.menlhk.go.id>, diakses pada tanggal 28 November 2021.

<https://www.astm.org/c0618-19.html>, diakses pada 16 November 2021.

Holman, J.P., 1988, “Heat Transfer”, ed. 7, New York : McGraw-Hill Book Company.

Ivan Gan, A., & Sutikno, H. (2015). Optimasi Penggunaan Fly Ash dan Bottom Ash PLTU Suralaya dalam Pembuatan Paving Block Mutu Tinggi, 8–15.

Jha, B., & Singh, D. N. (2012). ChemInform Abstract: A Review on Synthesis, Characterization and Industrial Applications of Flyash Zeolites. ChemInform, 43(25), no-no. <https://doi.org/10.1002/chin.201225227>

Kern, D.Q., 1983, “Process Heat Transfer”, Mc.Graw – Hill International Editions, Singapore.

Nourman, T. (2017). Sintesis Zeolit ZSM-5 Menggunakan Metode Hidrotermal dan Kristalisasi Fasa Padat. Institut Teknologi Sepuluh Nopember. Surabaya

Nugraha, C., dkk. 2021. *Pemanfaatan Fly Ash dan Bottom Ash untuk Pengelolaan Batuan dan Air Asam di Tambang Batubara*. Direktorat Penilaian Kinerja Pengelolaan Limbah B3 dan Limbah Non B3 Kementerian Lingkungan Hidup dan Kehutanan. ISBN: 978-623-93846-2-3

Ojha, K., Pradhan, N. C., & Samanta, A. N. (2004). *Zeolite from fly ash : synthesis and characterization*, 27(6), 555–564

Peraturan Pemerintah Republik Indonesia No. 41 Tahun 1999 tentang Pengendalian Pencemaran Udara

Peraturan Menteri Negara Lingkungan Hidup No. 03 Tahun 2010 tentang Baku Mutu Air Limbah bagi Kawasan Industri

- Perry, R.H. dan Green, D.W., 1987, “*Perry’s Chemical Engineer’s Handbook*”, 6th ed., Mc Graw Hill Book Co., Singapore.
- Peters, M. S., and Timmerhaus, K. D., 1991, *Plant Design and Economics for Chemical Engineers*, 4th ed., McGraw-Hill, Singapore.
- Powell, S.T., 1954, “*Water Conditioning for Industry*”, 1st ed., Mc Graw Hill Book Co., Tokyo.
- Quina, M., dkk. 2021. *Risiko Kelabu Abu Batu Bara*. Indonesia: #BersihkanIndonesia
- Rase, H.F., 1977, “*Cemical Reactor Design for Process Plants*”, Wiley Interscience, Canada
- Sinnott, R. K., 1983, “*Coulson & Richardson’s Chemical Engineering Series : Chemical Engineering Design*”, Chemical Engineering vol. 6 4th ed., Elsevier Butterworth-Heinemann, Oxford
- Smith, J.M. and Van Ness, H.C., 1975, “*Introduction to Chemical Engineering Thermodynamic*”, 3<sup>rd</sup> ed., McGraw-Hill Book Company, Kogakusha, Tokyo.
- Towler, Gavin, and Ray Sinnott. 2008. “*Chemical Engineering Design : Principles, Practice and Economics of Plant and Process Design*”, USA : Butterworth-Heinemann.
- Treybal, R.E., 1975, “*Mass Transfer Operation*”, 3rd ed., pp. 189-210; 252-261, McGraw-Hill Book Company, Singapore.
- Ulrich, G.G., 1984, “*A Guide to Chemical Engineering Process Design and Economics*“, John Willey and Sons, New York.
- Valeev, D. (2018). Kinetics of Iron Extraction from Coal Fly Ash by, (July). <https://doi.org/10.3390/met8070533>

Walas, S.M., Couper, J.R., Penney, W.R., Fair, J.R., 2012, “*Chemical Process Equipment Selection and Design*”, ed. 3, USA : Butterworth

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.

Zhang, W. (2015). *International Journal of Coal Preparation and Utilization A Review of the Occurrence and Promising Recovery Methods of Rare Earth Elements from Coal and Coal By- Products, (October)*. <https://doi.org/10.1080/19392699.2015.1033097>

[www.alibaba.com](http://www.alibaba.com), diakses pada 16 November 2021.

[www.matche.com](http://www.matche.com), diakses pada tanggal 29 Mei 2022.

[www.mhhe.com](http://www.mhhe.com), diakses pada tanggal 29 Mei 2022.