

## DAFTAR PUSTAKA

- Advanced Chemical Supplier (ACS Material), 2024. *ZSM-5 Catalyst Materials Catalog*. [Online] Available at: <https://www.acsmaterial.com/zsm-5-catalyst.html>[Accessed April 2024].
- Alibaba, 2024. *Harga Peralatan Utama dan Peralatan Utilitas*. [Online] Available at: <https://www.alibaba.com/>[Accessed Maret 2024].
- Badan Pusat Statistik, 2023. [Online] Available at: <https://www.bps.go.id>
- Bank Indonesia, 2024. *Kurs Transaksi Bank Indonesia*. [Online] Available at: <https://www.bi.go.id/id/statistik/informasi-kurs/transaksi-bi/default.aspx>[Accessed 20 Mei 2024].
- C. & R. & Sinnott, R. K., 2005. *Chemical Engineering Design*. s.l.:Elsevier.
- Coupard, V. et al., 2017. *Process for Dehydration of Etanol into Etilen Using Pretreatment of the Feedstock*. United States, Patent No. US Patent US 9,725,376 B2.
- de Haan, A. B., Eral, H. B. & Schuur, B., 2020. *Industrial Separation Processes*. 2nd ed. s.l.:De Gruyter.
- Engineering, D. o. C., 2023. *Chemical Engineering Plant Cost Index*. [Online] Available at: [https://personalpages.manchester.ac.uk/staff/tom.rodgers/Interactive\\_graphs/CEPCI.html?reactors/CEPCI/index.html](https://personalpages.manchester.ac.uk/staff/tom.rodgers/Interactive_graphs/CEPCI.html?reactors/CEPCI/index.html)[Accessed 07 October 2023].
- Geankoplis, C. J., 1993. *Transport Processes and Unit Operation*. 3rd ed. s.l.:Prentice Hall International.
- Green, D. W. & Perry, R. H., 2008. *Perry's Chemical Engineers' Handbook*. 8th ed. New York: Mc Graw Hill.
- Handayani, S., 2021. Ringkasan Cara Merancang Heat Exchanger. In: Serpong: Program Studi Teknik Kimia - Institut Teknologi Indonesia.
- Handayani, S. & Husnil, Y. A., 2022. Diktat Perancangan Alat Proses: Separator. In: Serpong: Program Studi Teknik Kimia - Institut Teknologi Indonesia.
- Handayani, S. & Husnil, Y. A., 2022. Diktat Perancangan Alat Proses: Storage Tank. In: Serpong: Program Studi Teknik Kimia - Institut Teknologi Indonesia.

- Himmelblau, D. M. & Riggs, J. B., 2004. *Basic Principles and Calculations in Chemical Engineering*. 7th ed. s.l.:Prentice Hall .
- Husnil, Y. A., n.d. Diktat Perancangan Alat Proses: Double Pipe Heat Exchanger. In: Serpong: Program Studi Teknik Kimia - Institut Teknologi Indonesia.
- I. S. Yakovleva, S. P. B. E. V. O. V. A. C. a. L. A. I., 2016. Catalytic Dehydration of Bioethanol to Ethylene. *BIOCATALYSIS*, Volume 8, pp. 152-167.
- Joelianingsih, 2020. Azas Teknik Kimia 1 dan 2: Mass Balance and Energy Balance. In: Serpong: Program Studi Teknik Kimia - Institut Teknologi Indonesia..
- Kern, D. Q., 1965. *Process Heat Transfer*. s.l.:Mc Graw Hill Book Company.
- Kern, D. Q., 1983. *Process Heat Transfer*. s.l.:Mc Graw Hill International Book Company.
- Keuangan, O. J., 2024. *Suku Bunga Dasar Kredit 2024*. [Online] Available at: <https://ojk.go.id/id/kanal/perbankan/pages/suku-bunga-dasar.aspx>[Accessed 22 Mei 2024].
- Kirk, R. E. & Othmer, D. F., 1993. *Encyclopedia of Chemical Technology*. 4th ed. s.l.:John Wiley & Sons.
- Levenspiel, O., 1999. *Chemical Reaction Engineering*. 3rd ed. New York: John Wiley & Sons.
- Lin, Y. & Abdelghani, M., 2010. *Process for the production of Etilen from Natural Gas with Heat Integration*. United States, Patent No. US Patent US 2010/0234476 A1.
- Lotte Chemical Titan, n.d. *Project LOTTE Chemical Indonesia New Ethylene ("LINE")*. [Online] Available at: <https://www.lottechem.my/company/line-1.asp>[Accessed Oktober 2023].
- Moulijn, J. A., Makkee, M. & Van Diepen, A. E., 2013. *Chemical Process Technology*. 2nd ed. s.l.:Wiley.
- Pam Jaya, 2024. *Info Pelanggan - Tarif Air Minum*. [Online] Available at: <https://www.pamjaya.co.id/infopelanggan>[Accessed Juni 2024].
- Peters, M. S., Timmerhaus, K. D. & West, R. E., 2003. *Plant Design and Economics for Chemical Engineers*. 5th ed. s.l.:Mc Graw Hill.
- PT. Chandra Asri Petrochemical Tbk, 2023. *Paparan Publik Perseroan 2023*, Jakarta: PT. Chandra Asri Petrochemical Tbk.
- Ratnawati & Enjarlis, 2022. *Diktat Utilitas*. Serpong: Program Studi Teknik Kimia - Institut Teknologi.
- Richardson's, C. &., 2005. *Chemical Engineering Design*. 4th ed. Oxford: Elsevier.

- Sanggal, M., Jeong, C. H. & Bum, P. M., 2019. Dehydration of Bioethanol to Ethylene over H-ZSM-5 Catalysts: A Scale-Up Study. *Catalysts*.
- Severn, 2004. Diktat Utilitas. In: *Boiler Design*. s.l.:s.n., pp. 140-170.
- Smith, J. M., Ness, H. V., Abbott, M. M. & Swihart, M. T., 2018. *Introduction to Chemical Engineering Thermodynamics*. 8th ed. s.l.:Mc Graw Hill Education.
- The Observatory of Economic Complexity (OEC), 2024. *Ethylene in Indonesia*. [Online] Available at: <https://oec.world/en/profile/bilateral-product/ethylene/reporter/idn>
- Timorria, I. F., 2022. Sempat Tertunda, Lotte Chemical Indonesia Mulai Realisasi Investasi US\$ 4 Miliar. [Online] Available at: <https://ekonomi.bisnis.com/read/20220107/257/1486458/sempat-tertunda-lotte-chemical-indonesia-mulai-realisisasi-investasi-us4-miliar>[Accessed September 2023].
- Towler, G. & Sinnott, R., 2008. *Chemical Engineering Design: Principles, Practice and Economics of Plant and Process Design*. California: Elsevier.
- Walas, S. M., 1990. *Chemical Process Equipment: Selection and Design*. s.l.: Butterworth-Heinemann.
- Yaws, C. L., 1999. *Chemical Properties Handbook*. s.l.:Mc Graw Hill.