

DAFTAR PUSTAKA

- Aramendía, M. Á., Borau, V., Jiménez, C., Marinas, J. M., & Romero, F. J. (1999). N-alkylation of aniline with methanol over magnesium phosphates. *Applied Catalysis A: General*, 183(1), 73–80. [https://doi.org/10.1016/S0926-860X\(99\)00042-3](https://doi.org/10.1016/S0926-860X(99)00042-3)
- Aries, R.S., and Newton, R. D., 1955, Chemical Engineering Cost Estimation, McGraw-Hill, New York.
- Australia, C. (2014). *General Info on DMA (N,N-Dimethylaniline)*. Composites Australia. <https://www.compositesaustralia.com.au/for-industry/health-and-safety/dma-dimethylaniline/>
- Badan Pusat Statistik Kota Bontang. (2022). <https://bontangkota.bps.go.id/>. Diakses pada November 2021.
- Badan Meteorologi, Klimatologi, dan Geofisika. (2022). <https://www.bmkg.go.id>. Diakses pada April 2022.
- Bautista, F., Campelo, J., Garcia, A., Luna, D., Marinas, J., Romero, A., & Urbano, M. (1997). N-alkylation of aniline with methanol over CrPO. *Journal of Catalysis (Print)*, 172(1), 103–109.
- Bautista, F. M., Campelo, J. M., Garcia, A., Luna, D., Marinas, J. M., & Romero, A. A. (1998). N-alkylation of aniline with methanol over AlPO₄-Al₂O₃ catalysts. *Applied Catalysis A: General*, 166(1), 39–45. [https://doi.org/10.1016/S0926-860X\(97\)00237-8](https://doi.org/10.1016/S0926-860X(97)00237-8)
- Bhattacharyya, A. K., & Nandi, D. K. (1976). Synthesis of N,N-Dimethylaniline. *Industrial and Engineering Chemistry Process Design and Development*, 15(3), 201–206.
- Brown, G.G., 1978, *Unit Operation*, 3rd edition, Tokyo: McGraw Hill International Book Company.
- Chen, P. Y., Chu, S. J., Chang, N. S., & Chuang, T. K. (1989). *Development of High Selective Catalyst for N,N-Dimethylaniline Production*. 539–558.
- Coulson, J.M. and Richardson, J.F., 1989, “An Introduction to Chemical Engineering Design”, Pergamon Press Ltd., Singapore
- Evans, F. L., 1980, “Equipment Design Handbook”, Gulf Publishing Company, Tokyo.
- GBH Enterprises Ltd. (2013). “Process Engineering Guide: Solid Catalyzed Gas Phase Reactor Selection”. Process Engineering.
- Gessner, T., & Mayer, U. (2000). Triarylmethane and Diarylmethane Dyes. *Ullmann's Encyclopedia of Industrial Chemistry*. https://doi.org/10.1002/14356007.a27_179

- Holman, J. P. (1989). *Heat Transfer*, McGraw-Hill, New York.
- Kern, D.Q., 1965, "Process Heat Transfer", Int.ed., p. 102-160, New York, McGraw-Hill Book Company
- Ko, A. N., Yang, C. L., Zhu, W. De, & Lin, H. E. (1996). Selective N-alkylation of aniline with methanol over γ -alumina. *Applied Catalysis A: General*, 134(1), 53–66. [https://doi.org/10.1016/0926-860X\(95\)00209-X](https://doi.org/10.1016/0926-860X(95)00209-X)
- Lloyd e. Brownell, E. H. Y. (1959). "Process Equipment Design Handbook".
- Matche. (2014). <http://matche.com>. Diakses pada tanggal 1 – 21 Juni 2022.
- MHHE. (2002). <http://www.mhhe.com>. Diakses pada tanggal 1 – 21 Juni 2022.
- Niphadkar, P. S., Joshi, P. N., Gurav, H. R., Deshpande, S. S., & Bokade, V. V. (2009). Synthesis of N-methylaniline by aniline alkylation with methanol over Sn-MFI molecular sieve. *Catalysis Letters*, 133(1–2), 175–184. <https://doi.org/10.1007/s10562-009-0143-4>
- Occupational Safety and Health Act. (2000). *Process Safety Management*. U.S. Department of Labor.
- Peters, M.S., and Timmerhaus, K.D., 1991, *Plant Design and Economics for Chemical Engineers*, 4th ed., McGraw-Hill, Singapore.
- Perry, R.H., 1999, "Perry's Chemical Engineer's Handbook", 7 ed., p. 2.37-2.38, New York, McGraw-Hill Book Company.
- Powell, S. T. (1954). *Water conditioning for industry*. McGraw-Hill Companies.
- Pujiastuti, C. (2008). KAJIAN PENURUNAN ION (Cl⁻, SO₄²⁻, HCO₃⁻) DALAM AIR LAUT DENGAN RESIN DOWEX. *Jurnal Teknologi Technoscientia*, 6-13.
- Serth, R. W., & Lestina, T. G. (2014). "Reboilers. Process Heat Transfer". <https://doi.org/10.1016/B978-0-12-397195-1.00010-8>
- Shah, R.K. dan Sekulic, D.P. (2003). "Classification of Heat Exchangers. Fundamentals of Heat Exchanger Design, 1–77". <https://doi.org/10.1002/9780470172605.ch1>
- Sinnott, R. K. (2005). *Coulson & Richardson's Chemical Engineering Design* (4th ed.). Oxford: Elsevier Butterworth-Heinemann.
- Smith, J. M., Van Ness, H. C., Abbott, M. M., & Swihart, M. T. (1949). *Introduction to chemical engineering thermodynamics*. Singapore: McGraw-Hill.
- Thomas D. W., Ghosh, R., Ray, T. K., & Ganguly, R. (1967). Cooling tower fog harvesting in power plants—A pilot study. *Energy*, 89, 1018-1028.

Treybal, R.E., 1981, "Mass-Transfer Operations", Int.ed., p. 139-210, Singapore, McGraw-Hill Book Company.

Triyulianti, I., Wijaya, D., Era, W., Arief, T., Widagti, N., Dipo, P., & Trenggono, M. (2012). Distribusi vertikal pH dan alkalinitas perairan Selatan Jawa dan Samudera Hindia. In *Proc. on Seminar Nasional Tahunan IX Hasil Penelitian Perikanan dan Kelautan (Yogyakarta, Indonesia)*.

UN Comtrade. (2017). <https://comtrade.un.org/>. Diakses pada November 2021.

Walas, S. (1990). "Chemical Process Equipment". Massachusetts: Butterworth-Heinemann.

Yaws, C. L. (2003) *Yaws' Handbook of Thermodynamic and Physical Properties of Chemical Compounds*. Knovel.