



DAFTAR PUSTAKA

- Alibaba, 2020, <https://www.alibaba.com>, diakses pada 10 Juni 2020.
- Andersson, J., dan Grönkvist, S., 2019., *Large-Scale Storage of Hydrogen, International Journal of Hydrogen Energy* 44 (23): 11901–19., <https://doi.org/10.1016/j.ijhydene.2019.03.063>., diakses pada 25 November 2019.
- Aries, R. S. dan Newton, R. D., 1955, *Chemical Engineering Cost Estimation*, McGraw-Hill, New York.
- Azarpour, A. dan Zahedi, G., 2012, *Performance analysis of crude terephthalic acid hydropurification in an industrial trickle-bed reactor experiencing catalyst deactivation*, *Chemical Engineering Journal*, p. 180–193, Elsevier, Oxford.
- Badan Meteorologi, Klimatologi, dan Geofisika (BMKG), 2020, <https://www.bmkg.go.id/cuaca/prakiraan-cuaca.bmkg?Kota=Tuban&AreaID=501308&Prov=12>, diakses pada 29 April 2020.
- Badan Pusat Statistik, 2019, Buletin Statistik Perdagangan Luar Negeri Ekspor., www.bps.go.id, diakses pada 5 November 2019.
- Badan Pusat Statistik, 2019, Buletin Statistik Perdagangan Luar Negeri Impor., www.bps.go.id, diakses pada 5 November 2019.
- Baker R. W., 1991, *Membrane Technology and Applications*, Membrane Technology and Research, Inc., California.
- Bank Indonesia, 2020, *Statistik Ekonomi dan Keuangan Indonesia-Interest Rate of Rupiah Loans by Group of Bank and Type of Loans*, Bank Indonesia, Jakarta.
- Bank Indonesia, 2020, <https://www.bi.go.id/id/ruang-media/info-terbaru/Pages/Suku-Bunga-Obligasi-Pemerintah-RI-Seri-SBR008-Periode-11-Maret-2020-s.d-10-Juni-2020.aspx>, diakses pada 10 Juni 2020.



- Brown, G. G., Katz, D., Foust, A. S., dan Schneidewind, C., 1950, *Unit Operation*, John Wiley and Sons, Inc., New York.
- Brownell, L.E dan Young, E.H., 1959., *Equipment Design*, John Willey & Sons, Inc., New York.
- Buros, O. K., 2000, *The ABSs of Desalting*, International Desalination Association, Massachusetts.
- Couper, J.R., Penney, W.R., Fair., J.R., dan Walas, S.M., 2012, *Chemical Process Equipment: Selection and Design*, 3rd ed., Butterworth Heinemann, Massachusetts.
- Crowl, D.A dan Louvar, J.F., 2002, *Chemical Process Safety*, Prentice Hall, New Jersey.
- Engineering ToolBox, 2005, *Fuel Gases Heating Values*, https://www.engineeringtoolbox.com/heating-values-fuel-gases-d_823.html, diakses pada 24 April 2020.
- Evans, F. L., 1980, *Equipment Design Handbook*, Gulf Publishing Company, Tokyo.
- Google, 2019, *Google Maps - Kawasan Industri Tuban.*, <https://maps.google.com>, diakses pada 5 November 2019.
- Gualtieri, C., Angeloudis, A., Bombardelli, F., Jha, S., dan Stoesser, T., 2017, *On the Values for the Turbulent Schmidt Number in Environmental Flows*, Multidisciplinary Digital Publishing Institute (MDPI), Switzerland.
- IHS Markit, 2019, *Dimethyl Terephthalate (DMT) and Terephthalic Acid (TPA)*, <https://ihsmarkit.com/products/dimethyl-terephthalate-chemical-economics-handbook.html>, diakses pada 2 November 2019.
- Kawase, Y. dan Moo-Young, M., 1992, *Correlations for liquid-phase mass transfer coefficients in bubble column reactors with newtonian and non-newtonian fluids*, *The Canadian Journal of Chemical Engineering*, p. 48–54, Wiley, New Jersey.
- Keputusan Gubernur Nomor 188/568/KPTS/013/2019 tentang Upah Minimum Kabupaten/Kota di Jawa Timur Tahun 2020, diakses pada 10 Juni 2020.
- Keputusan Menteri Lingkungan Hidup Nomer 51 Tahun 2004 tentang Baku Mutu Air Laut, diakses pada 25 April 2020.



- Kern, D.Q., 1965, *Process Heat Transfer, International* ed., McGraw-Hill Book Company, New York.
- Khanna, D.R., Bhutiani, R., dan Matta, G., 2009, *Environmental Management System*, Shivneri Publisher and Distributors, Haridwar.
- Lenntech, 2016, www.lenntech.com, diakses pada 24 April 2020.
- Levenspiel, O., 1999, *Chemical Reaction Engineering*, 3 ed., *Industrial and Engineering Chemistry Research*, John Wiley and Sons, Inc., New York.
- Matches, 2014, <http://www.matche.com/equipcost/EquipmentIndex.html>, diakses pada 8 Juni 2020.
- Material Safety Data Sheet.*
- McGraw-Hill Higher Ed, 2002, <http://www.mhhe.com/engcs/chemical/peters/data/ce.html>, diakses pada 8 Juni 2020.
- Merritt, C., 2016, *Process Steam Systems*, John Willey & Sons, Inc., New Jersey.
- Najid, A., Pariwono, P., Bengsen, D.G., Nurhakim, S., dan Atmadipoera A.S., 2012, *Pola Musiman dan Antar Tahunan Salinitas Permukaan Laut Di Perairan Utara Jawa-Madura*, Maspari Journal Universitas Sriwijaya, Palembang.
- Occupational Safety and Health Act*, 2000, *Process Safety Management*, Department of Labor, Washington D.C.
- Partenheimer, W. dan Poliakoff, M., 2010, *The Aerobic Oxidation of p -Xylene to Terephthalic acid: A Classic Case of Green Chemistry in Action*, <https://doi.org/10.1002/9783527628698.hgc012>, diakses pada 5 November 2019.
- Peraturan Kementerian Lingkungan Hidup Republik Indonesia Nomor 5 Tahun 2014 tentang Baku Mutu Air Limbah Industri Petrokimia, diakses pada 25 April 2020.
- Peraturan Menteri Kesehatan RI Nomor 32 Tahun 2017 tentang Standar Baku Mutu Kesehatan Lingkungan dan Persyaratan Kesehatan Air, diakses pada 25 April 2020.
- Peraturan Pemerintah Republik Indonesia No. 41 Tahun 1999 tentang Pengendalian Pencemaran Udara, diakses pada 25 April 2020.



- Perry, R.H., 1999, *Perry's Chemical Engineers' Handbook*, 7th ed., McGraw-Hill Book Company, New York.
- Perry, R.H., 2008, *Perry's Chemical Engineers' Handbook*, 8th ed., McGraw-Hill Book Company, New York.
- Peters, M. S. dan Timmerhaus, K. D., 1991, *Plant Design and Economics for Chemical Engineers*, 4th ed, McGraw-Hill, Singapore.
- Plant Cost Index*, 2020, <https://www.chemengonline.com/site/plant-cost-index/>, diakses pada 10 Juni 2020.
- Powell, S.T., 1954, *Water Conditioning for Industry*, 1st ed., Mc Graw-Hill, Inc., Tokyo.
- PT. KIG, 2019, Peta Kawasan Industri Tuban., <https://www.kig.co.id/>, diakses pada 5 November 2019.
- PubChem, 2019, <https://pubchem.ncbi.nlm.nih.gov/>, diakses pada 5 November 2019.
- Rase, H. F., dan Barrow, M. H., 1977, *Chemical Reactor Design for Process Plant*, 1st ed., Mc Graw Hill Book Company, Inc., New York.
- Rendell, E.G. dan McGinty, K.A., 2004, *Environmental Management Systems: A Guidebook for Improving Energy and Environmental Performance in Local Government*, Five Winds International, Colorado.
- Sander, R., 1999, *Compilation of Henry's Law Constants for Inorganic and Organic Species of Potential Importance in Environmental Chemistry, Handbook of Property Estimation Methods for Chemicals: Environmental Health Sciences*, p. 69–87, CRC Press, Florida.
- Scheirs, J. dan Long, T.E., 2003, *Modern Polyesters: Chemistry and Technology of Polyesters and Copolyesters*., John Wiley and Sons, Ltd., New Jersey.
- Sheehan, R. J., 2011, Terephthalic Acid, Dimethyl Terephthalate, and Isophthalic Acid. In *Ullmann's Encyclopedia of Industrial Chemistry*., Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim.
- Sinnott, R.K., 1999, *Coulson & Richardson's Chemical Engineering*, 3rd ed., Butterworth Heinemann, Oxford.



- Sinnott, R.K., 2005, *Coulson & Richardson's Chemical Engineering: Chemical Engineering Design*, 4th ed., Elsevier, Oxford.
- Smith, J.M., Ness, H.C.V., dan Abbott, M.M., 2001, *Chemical Engineering Thermodynamics*, 6th ed., McGraw-Hill, New York.
- Treybal, R.E., 1981, *Mass-Transfer Operations*, International ed., McGraw-Hill Book Company, Singapore.
- U.S. Department of Labor, 2020, <http://www.dol.gov/agencies/whd/minimum-wage/state>, diakses pada tanggal 10 Juni 2020.
- Ulrich, G.D., 1984, *A Guide to Chemical Engineering Process Design and Economics*, John Wiley and Sons, New York.
- Vatavuk, W.M., 2002, *Updating the CE Plant Cost Index*, https://www.chemengonline.com/Assets/File/CEPCI_2002.pdf, diakses pada 10 Juni 2020.
- Wang, Q., Li, X., Wang, L., Cheng, Y. dan Xie, G., 2005, *Kinetics of p -Xylene Liquid-Phase Catalytic Oxidation to Terephthalic Acid*, p. 261–266, American Chemical Society, Washington D.C.
- Welty, J.R., Wicks, C.E., Wilson, R.E., dan Rorrer, G., 2005, *Fundamentals of Momentum, Heat and Mass Transfer*, 4th ed., John Willey & Sons, Inc., New York.
- Yaws, C.L., 1999, *Chemical Properties Handbook: Physical, Thermodynamic, Environmental, Transport, Safety, and Health Related Properties for Organic and Inorganic Chemicals*, Elsevier, Oxford.