

## DAFTAR PUSTAKA

- Aries, R. S., & Newton, R. (1988). Chemical Engineering Cost Estimation.
- ASME-Y14.5. (1994). Dimensioning Dimensioning and Tolerancing.
- Attwood, S. E. A., Hill, A. D. K., Mealy, K., Stephens, R. B., & Thomas, W. M. (1992). A prospective comparison of laparoscopic versus open cholecystectomy. *Annals of the Royal College of Surgeons of England*, 74(6), 397–400
- Branan, C. (1994). Rules of Thumb for Chemical Engineers.
- Brownell, L., & Young, E. (2006). Process Equipment Design. In Human Factors Methods for Improving Performance in the Process Industries (pp. 31–35).  
<https://doi.org/10.1002/9780470118849.ch4>
- Chan, A., & Seider, W. D. (2004). Batch Manufacture of Propylene Glycol. *Penn Engineering*, i, 1–24.
- Chohey. (2013). Physical and Chemical Properties Temperature From Empirical. *Theguardian*, 1–80.
- Cleveland & Moris. (2016). Dictorial of Energy. In *Angewandte Chemie International Edition*, 6(11), 951–952. (Vol. 1, Issue 0).
- Coulson & Richardson. (1983). Equipment selection, specification, and design. In *Chemical Engineering Design* (6th ed., Vol. 01). Elsevier Butterworth-Heinemann.  
<https://doi.org/10.1016/b978-0-12-821179-3.00013-3>
- European Medicines Agency (EMA). (2017). Propylene glycol used as an excipient. Committee for Human Medicinal Products (CHMP). [www.ema.europa.eu/contact](http://www.ema.europa.eu/contact)
- Experimentation, A., Conveying, P., Corrosion, R. T., & Automation, O. P. (2023). Temperature Measurement Reliable Consistent. January.
- Foust, A. S., Wenzel, L. A., Clump, C. W., Maus, L., & Andersen, L. (1980). Principles of Unit Operation (2nd Edition). Wiley International Edition.
- García, B., Moreno, J., Morales, G., Melero, J. A., & Iglesias, J. (2020). Production of sorbitol via catalytic transfer hydrogenation of Glucose. *Applied Sciences* (Switzerland), 10(5).  
<https://doi.org/10.3390/app10051843>

- Gatti, M. N., Perez, F. M., Santori, G. F., Nichio, N. N., & Pompeo, F. (2023). Heterogeneous Catalysts for Glycerol Biorefineries: Hydrogenolysis to 1,2-Propylene Glycol. *Materials*, 16(9). <https://doi.org/10.3390/ma16093551>
- James R. Couper. (1956). Process engineering economics. In *Journal of Chemical Education* (Vol. 33, Issue 4). <https://doi.org/10.1021/ed033p192.1>
- Kern, D. Q. (1996). Process Heat Transfer. In *Process, Enhanced, and Multiphase Heat Transfer*. Mc Graw Hill. <https://doi.org/10.1615/978-1-56700-079-5.82>
- Kirk-Othmer. (2003). *Encyclopedia of Chemical Technology* (Vol. 5, pp. 186–190).
- Knight, A. P., Greer, L. L., & De Jong, B. (2020). Start-up teams: A multidimensional conceptualization, integrative review of past research, and future research agenda. *Academy of Management Annals*, 14(1), 231–266. <https://doi.org/10.5465/annals.2018.0061>
- Levenspiel, O. (1980). Chemical Reaction Engineering. In *Chemical Engineering Science* (3rd ed., Vol. 35, Issue 9). John Wiley & Sons, Inc. [https://doi.org/10.1016/0009-2509\(80\)80138-2](https://doi.org/10.1016/0009-2509(80)80138-2)
- Montassier, C., Giraud, D., & Barbier, J. (1988). Polyol Conversion by Liquid Phase Catalysis Over Metals. In M. Guisnet, J. Barrault, C. Bouchoule, D. Duprez, C. Montassier, & G. B. T.-S. in S. and C. Pérot (Eds.), *Heterogeneous Catalysis and Fine Chemicals* (Vol. 41, pp. 165–170). Elsevier. [https://doi.org/10.1016/S0167-2991\(09\)60811-9](https://doi.org/10.1016/S0167-2991(09)60811-9)
- Peters, M. S., & Timmerhaus, K. D. (1991). Plant Design and Economics for Chemical Engineering. In *Plant Design and Economics for Chemical Engineers*.
- Severn, W. H., & Degler, H. (1954). *Steam, Air and Gas Power*.
- Singare, P., & Lokhande, R. (2009). Behaviour of radioactive iodide and bromide ions from aqueous solution on ion exchange resins Amberlite IRA-400. *Natural Science*, 01(03), 191–194. <https://doi.org/10.4236/ns.2009.13025>
- Smith, J. M. (1950). Introduction to chemical engineering thermodynamics. In *Journal of Chemical Education* (Vol. 27, Issue 10). <https://doi.org/10.1021/ed027p584.3>
- SNI 19-2454-2002 Tentang Tata Cara Teknik Operasional Pengelolaan Sampah. (2002). *Tata Cara Teknik Operasional Pengelolaan Sampah Perkotaan*. ICS 27.180, 1.

- Statistika, B. P. (2023a). Volume Ekspor Gliserol. [www.bps.go.id](http://www.bps.go.id)
- Statistika, B. P. (2023b). Volume Impor Propilen Glikol. [www.bps.go.id](http://www.bps.go.id)
- Towler, G., & Sinnott, R. (2021). Chemical Engineering Design: Principles, Practice and Economics of Plant and Process Design (Vol. 01). <https://doi.org/10.1016/B978-0-12-821179-3.01001-3>
- US Patent 5861366. (2020). United States Patent: 5861366. New York.
- US Patent No. 5,214,219. (1992). United States Patent (19) Casale et al. (54) Method of Hydrogenating Glycerol.
- Vilbrand and Dryden. (1959). Chemical Engineering Plant Design.
- Weber, M. (1909). Alfred Weber: Theory of the Location of Industries. 4–7.
- Wijayana, S. (2012). Rancang Pabrik, Penentuan Lokasi Pabrik. 1–9.
- Yaws, L. C. (1999). Chemical Properties Handbook: Physical, Thermodynamic, Environmental, Transport, Safety and Health Related Properties for Organic and Inorganic Chemicals. Mc Graw Hill Companies.
- Z, H., Haas, J. R., Jop, Pijinh, D., Hart, D. R., Klster, H. Z., York, N., Louis San, S., Aukland, F., Caracas, B., Bon Lendon, L., Mexico, M., Oelhl, N., San, P., & Piulo, J. S. (1976). Distillation Design Chapter 4 Algorous Distillation Calculations, Chapter 5 Batch Distillation, Chapter 10 Packing Capacity and Pressure Drop GPDC Interpolation Charts Alias.