



DAFTAR PUSTAKA

- AWWA. 1991, *Coagulant Recovery: A Critical Assessment, 3 th edition*, America Water Works Association, United States of America.
- Aqua-Calc, 2024. "Density Tabel". <https://www.aqua-calc.com/page/density-table>. diakses Juli 2024
- Badger, Walter L., and Banchemo, Julius T.J.T. 1955, *Introduction to chemical Engineering*, McGraw Hill Book Company, Inc, Tokyo
- Biro Pusat Statistika Perdagangan Luar Negeri Indonesia, 2024. "Data Impor Kalsium Silikat Tahun 2019-2023". www.bps.go.id. diakses Maret 2024.
- Badan Standarisasi Nasional.2020.SNI 7705:2020. Lembaran Rata Kalsium Silikat. Badan Standarisasi Nasional. Jakarta
- Badan Standarisasi Nasional.2008.SNI 0029:2008. Karbon Dioksida Cair. Badan Standarisasi Nasional. Jakarta
- Brownell, L.E. & Young,E.H. 1959, *Process Equipment Design*, Wiley Eastern Limited, New Delhi.
- CEPCI 2024, Annual index, <https://www.chemengonline.com>. diakses pada 10 Agustus 2024.
- Collie, R.L. 1976. *Solar heating system*. U.S Patent. No. 3.955.554.
- Coulson & Richardson's. 2005, *Chemical Engineering Design, Volume 6 Fourth Edition*, Elsevier Inc. Chennai, India
- EP 0 306 828 B1, 2008, "Process for Producing Hydrothermal Water Glasses", *Europe Patent Spesification*, Europe
- Geankoplis, C.I. 2014, *Transport Process and Unit Operation*, Allyn and Bacon, Inc., Boston
- Haryono, Eddy,D. R., Noviyanti, A.R., Solihudin & Laelaturrohmah., 'Kalsium Silikat sebagai Bahan Komposit Biosemen Gigi dengan Penyiapan Silika dari Sekam Padi melalui Metode Sol-Gel'. *Jurnal Kartika Kimia*.1(1). pp.5-10
- Hesse, Herman C., Roushton, Henry J., 1945, *Process Equipment Design, 8 th edition*, Van Nostrand Reinhold Company, Inc, New Jersey



- Himmelblau, David M., 1989, *Basic Principles and Calculations in Chemical Engineering*, 5 th edition, Prentice Hall International, Inc, Singapore
- Jacob, C. J. 1976. *Synthesis of Wollastonite from Natural Materials without Fusion*. U.S Patent. No. 3.966.884
- Joshi, M.V., 1976, *Proses Equipment Design*, The Macmillan Company of Indian Limited, New Delhi Bombay Calcutta Madras
- Kern, Donald Q., 1965, *Process Heat Transfer*, McGraw Hill International Book Company, Singapore.
- Kirk, R. E. & Othmer, D. F. 2004, *Encyclopedia of Chemical Technology 5th edition*, John Wiley and Sons.Inc, New York.
- Lin, K., Chang, J., & Lu, J. 2006. ‘Synthesis of wollastonite nanowire via hydrothermal microemulsion methods’. *Journal Material Letter*. 60(1).pp. 3007-3017.
- Ludwig, Ernest E., 1999, *Applied Process Design for Chemical and Petrochemical* Volume 1, 3 th edition, Gulf publishing Company, Housyon, Texas.
- Malekjani, N., Talemy, F.P., Zolqadri & Jafari, M.S. 2023. “3-Roller/Drum Dryers and Rotary Dryers”. *Unit Operations and Processing Equipment in the Food Industry*. 1(1). pp. 47-66
- Masli, A., & Shamsudin, R. 2019). ‘Sol-gel synthesis of calcium silicate powder’. *AIP Conference Proceedings*. 2111(1), pp. 030009-1 - 030009-5
- Mc.Cabe, W.L., Smith, J.C., & Harriot, P. 2005, *Unit Operation of Chemical Engineering*. 5thed, Mc Graw-Hill, New York.
- MSDS ROTH 2022, *Silicone Dioxide*, <http://www.carlroth.com>, diakses Februari 2024.
- MSDS Smart-Lab 2017, *Hydrochloric Acid*, <http://smartlab.co.id>, diakses Maret 2024.
- MSDS Smart-Lab 2018, *Calcium Carbonat Precipitated*, <http://smartlab.co.id>, diakses Maret 2024.
- MSDS Thermo Fisher Scientific 2020, *Calcium Silicate*, <http://www.thermofisher.com>, diakses Februari 2024.
-



- Patent 3.804.652, 1974, “Method of Producing Calcium Silicate Products ”, *United States Patent*, London
- Patent 3.033.648, 1962, “Hydrothermal Process For the Manufacture of Hydrated Calcium Silicates ”, *United States Patent*, New York
- Perry, R. H, Green & Maloney, J. O. 1997 : *Perry’s Chemical Engineers’ Handbook 7th Edition*. McGraw-Hill. United States
- Perry, R. H, Green & Maloney, J. O. 2008 : *Perry’s Chemical Engineers’ Handbook 8th Edition*. McGraw-Hill. United States
- Peters, M.S. & Timmerhaus, K.D. 2004, *Plant Design and Economics for Chemical Engineers. 4thed*, MC.Graw-Hill, New York.
- Podporska, J., Blazewicz, M., Trybalska, B., & Zych, L. 2008. ‘A novel ceramic material with medical application’. *Processing and Application of Ceramics*. 2(1). pp. 19-22.
- Rase & Barrow, M.H. 1957. *Project Engineering of Process Plants*, John Wiley & Sons, Inc, London Sydney.
- Riaz, M., Zia & Aslam, S. 2019. ‘Low Temperature Synthesis of Wollastonite Using Sol Gel Combustion Method: in Vitro Bioactivity Evaluation’. *International Journal of Modern Physics B*. 33(10). pp. 1950081-1 - 1950081-9
- SDS Air Liquide 2020, *Carbon Dioxide*, <http://cn.airliquide.com>, diakses April 2024
- Severns, William H., and Howard E. Degler 1948, *Steam Air dan Gas Power, 4th edition*, John Wiley and Sons, Inc, New York, London Sydney.
- Smith, J.M., Van Ness H.C., & Abbott M.M. 2005, *Introduction to Chemical Engineering Thermodynamics, 7th edition*, McGraw Hill Companies, Inc, Singapore
- Suratman & Handayani, S. 2014, “Beneficiation of Sambiroto Silica Sand by Chemical and Biological Leachings”, *Indonesian Mining Journal*, Vol.17, No. 3, hh.134-143



Ulrich, G.D. 1984, *A Guide to Chemical Engineering Process Design and Economics*, John Wiley & Sons, New York

Walas, S.M., Couper, J.R., Powney & Fair, J.R. 2005, *Chemical Process Equipment Selection and Design, Second Edition*, Elsevier Inc. United States of America

Yaws, C.L. 1999. *Chemical Properties Handbook*, McGraw Hill Companies, Inc, United States of America