



SKRIPSI

PRARANCANGAN PABRIK KIMIA ALUMINIUM FLUORIDA DARI ASAM FLUOSILIKAT DAN ALUMINIUM HIDROKSIDA KAPASITAS 40.000 TON/TAHUN

DAFTAR PUSTAKA

- Badger , W.L. and Banchero , J.T. , 1955 , "Introduction to Chemical Engineering" , Inted , McGraw-Hill Book Company Inc. , N.Y.
- Brown, G.G., 1950, Unit Operations, John Wiley and Sons, Inc., New York
- Brownell, E.L., and Young , E.H., 1977, Process Equipment Design, Wiley Eastern Ltd., New Delhi.
- Chen, G., Yang, X., Qu, J., Luo, J., Zhang, Z., & Sun, L. (2021). Kinetic study on the preparation of aluminum fluoride based on fluosilicic acid. *Polish Journal of Chemical Technology*, 23(3), 10–16. <https://doi.org/10.2478/pjct-2021-0024>
- Coulson, J.M. and Richardson, J.F., 1983, Chemical Engineering, Vol. 6, Pergamon Press, Oxford.
- Dean, J.A., 1999, *Lange's Handbook of Chemistry*, 15th ed., McGraw-Hill, New York, USA, pp 549-594
- Franck, E. U., Wiegand, G., & Gerhardt, R. (1999). The density of hydrogen fluoride at high pressures to 973 K and 200 MPa. In *Journal of Supercritical Fluids* (Vol. 15).
- Genres, D.C., Gatos Los., King, W.R., 1962, United States Patent Office PRODUCING ALUMINIUM FLUORIDE, *Sunnyvale, Calif., assigns to Kaiser Aluminium & Chem Corporation*, pp 1-12
- Hesse, Herman C, 1959, Process Equipment Design,. 7th ed., D Van. Nostrand, Co, New York.
- Holman, J.P., 1988, Perpindahan Kalor, alih bahasa Jasjfi E., edisi ke-6, Erlangga, Jakarta.
- Hou, C. H., Wang, G. L., & Zhang, B. L. (2006). Bubble point pressure of the solutions of $\text{H}_2\text{SiF}_6 + \text{H}_2\text{O}$ and $\text{H}_2\text{SiF}_6 + \text{CO}(\text{NH}_2)_2 + \text{H}_2\text{O}$ from 323 K to 353 K. *Journal of Chemical and Engineering Data*, 51(3), 864–866. <https://doi.org/10.1021/jc050245x>



SKRIPSI

PRARANCANGAN PABRIK KIMIA ALUMINIUM FLUORIDA DARI ASAM FLUOSILIKAT DAN ALUMINIUM HIDROKSIDA KAPASITAS 40.000 TON/TAHUN

- Karlström, J., 2002., Reactor Model for Production of Aluminium Fluoride, *Department of Chemical Engineering II, Lund University, Sweden*, pp 1-6
- Kern, Donald. Q. 1965. Process Heat Transfer. New York : Mc Graw-Hill. Book Company.
- Kirk, R.E. and Othmer, D.F., 1952, Encyclopedia of Chemical Technology, 3rd ed., Vol. 9, The Inter Science Encyclopedia, Inc., New York.
- Ludwig, E.E, 1984 Applied Process Design for Chemical and Petrochemical Plant, Vol. 1,2 3, Gulf Publishing Company Houston, Texas.
- Megyesy, Eugene, *Pressure Vessel Handbook*, Pressure Vessel Handbook Publishing Inc., Tulsa, 1983.
- Parwatha IG Jaya, Kusuma Cahya, & Indriarynto Mahendra. (2022). *LNG*. 3(5).
- Perry, R.H. and Green, D.W., 1997, Perry's Chemical Engineers' Handbook, 7 th ed., Mc. Graw-Hill Book Company, New York.
- Smith, J.M., Van Ness, H.C., Abbot, M.M., Swihart, M.T., 2022, *Introduction To Chemical Engginering Thermodynamics*, 9th ed., McGraw-Hill, New York, USA, pp 24-34
- Treyball, R.L., 1980, Mass Transfer Operation, 3rd ed., Mc Graw Hill International Book Co., Kogakusya, Tokyo.
- Ulrich, G.D., 1984, A Guide to Chemical Engineering Process Design and Economics, John Wiley and Sons, Inc., New York..
- Weise, E., Leverkusen., Schulze, M., Opladen., Rothert, M., 1971, United States Patent Office PRODUCTION OF ALUMUNIUUM FLUORIDE, *Germany., assignors to Bayer Aktiengsellschaft*, pp 1-5



SKRIPSI

PRARANCANGAN PABRIK KIMIA ALUMINIUM FLUORIDA DARI ASAM FLUOSILIKAT DAN ALUMINIUM HIDROKSIDA KAPASITAS 40.000 TON/TAHUN

Yaws, C.L., 1999, *Chemical Properties Handbook*, McGraw-Hill, New York, USA, pp.30-288.

(2025, Mei). Retrieved from Google Maps :
<https://maps.app.goo.gl/CUJJ8bCjBPd2YWbQ8>

(2025, Mei). Retrieved from PT Indonesia Chemical Alumina :
<https://www.ptica.com/>

(2025, Mei). Retrieved from PT Petrokimia Gresik : <https://petrokimia-gresik.com/>

(2025, Mei). Retrieved from Sigma Aldrich :
<https://www.sigmaaldrich.com/>