



PROPOSAL PRA RANCANGAN PABRIK
“KRISTAL ALUM (ALUMINIUM AMONIUM SULFAT” DARI
ALUMINIUM SULFAT DAN AMONIUM SULFAT DENGAN
PROSES KRISTALISASI NON KATALIS

DAFTAR PUSTAKA

- Badger, W.L & Banchero, J.L (1957), Introduction to Chemical Engineering, Australia:
McGraw-Hill.
- Badan Pusat Statistik. 2024, *Kebutuhan Impor Ekspor Ammonium Alum*, Badan Pusat Statistik,
Viewed 21 Maret 2024 pukul 19.00 WIB.
- Brownell and Young (1959), Process Equipment Design, New Delhi: Wiley Estern Limited.
- Dean, J.A (1999), Lange’s Hand Book of Chemistry 5th Edition, New York: Mc. Graw-Hill
Inc.
- Geankoplis, C.J. and J.F. Richardson (1989), Design Transport Process and Unit Operation,
Singapore: Pegamon Press.
- Gordon, R. Steuart, D. 1933, ‘Method of Manufacturing Anhydrous Aluminum Sulphate’,
United States Patent Office, Patented June 13, 1933, Serial No. 607220, pp. 2.
- Hesse Herman C., Henry Roushton (1981), Process Equipment Design, cet 8, New Jersey: Van
Nonstrad.
- Himmelblau, D.M., (2004), Basic Principles and Calculation in Chemical Engineering 7th
edition, Singapore: Pretice-Hall International.
- Hugot, E, (1960), Handbook of Cane Sugar Engineering, Amsterdam: Elseiver Publishing
- Julianto, F. T., & Suparno, 2016, “Analisis Pengaruh Jumlah Industri Besar Dan Upah
Minimum Terhadap Pertumbuhan Ekonomi Di Kota Surabaya”, *Fakultas Ekonomi Dan
Bisnis*, 1(2), 229–256.
- Joshi, M.V. (1981), Proses Equipment Design, New York: McGraw Hill Company Ltd
- Kementerian Koordinator Bidang Perekonomian, 2021, *Peraturan Pemerintah Nomor 71 Tahun
2021 tentang Kawasan Ekonomi Khusus Gresik*, Kementerian Sekretariat Negara
Republik Indonesia, Viewed 20 Maret 2024 (<https://jdih.maritim.go.id>)..
- Kern, D. Q. (1983), Procces Heat Transfer, New York: McGraw-Hill Book Company.
- Keyes Faith, and Clark’s (1975), Industrial Chemicals. Wiley (Wiley-interscience
publications). Available at: <https://books.google.co.id/books?id=6cNTAAAMAAJ>.
- Levensspiel, O., 1976, “Chemical Reaction Engineering”, New York : Wiley and Sons Inc
- Ludwig, E (1964), Applied Process Design For Chemical And Petrochemical Vol I. Houston
Texas: Gulf publishing Co.
-



PROPOSAL PRA RANCANGAN PABRIK
“KRISTAL ALUM (ALUMINIUM AMONIUM SULFAT” DARI
ALUMINIUM SULFAT DAN AMONIUM SULFAT DENGAN
PROSES KRISTALISASI NON KATALIS

- McCabe and Smith (1993), *Unit Operation of Chemical Engineering* ed 5, New York: McGraw Hill.
- MSDS Loba Chemie, 2016, *Aluminium Ammonium Sulphate*, PT. Loba Chemie, Viewed 19 Maret 2024 pukul 20.00 WIB, (<https://www.lobachemie.com>).
- MSDS Smart Lab, 2017, *Aluminium Sulphate*, PT. Smart Lab Indonesia, Viewed 19 Maret 2024 pukul 19.30 WIB, (<https://smartlab.co.id>).
- MSDS Smart Lab, 2017, *Ammonium Sulphate*, PT. Smart Lab Indonesia, Viewed 19 Maret 2024 pukul 19.45 WIB, (<https://smartlab.co.id>).
- Othmer, Kirk. 1965, *Encyclopedia of Chemical Technology vol. 2*, 3ed McGraw-Hill Book Company Inc: New York.
- Perry, R.H., Green, D.W. and Maloney, J.O. (1984), *Perry's Chemical engineers' handbook*. 6th ed., McGraw-Hill. 6th ed. New York: McGraw-Hill New York. Available at: <https://doi.org/LK - https://worldcat.org/title/10402802>.
- Perry, R.H. dan D.W.G. (1984), *Chemical Engineers Handbook*. 7th ed, New York: McGraw-Hill Book Company. Available at: <https://search.library.wisc.edu/catalog/999552107102121>.
- Perry, R.H. and Green, D.W. (2008), *Perry's Chemical Engineers' Handbook*, 8 Edition. 8th ed, New York: McGraw-Hill Education. Available at: <https://www.accessengineeringlibrary.com/content/book/9780071422949>.
- Perry, R.H. and Green, D.W. (2019), *Perry's Chemical Engineers' Handbook*, 9th Edition, New York: McGraw-Hill Education New York, Available at: <https://doi.org/LK - https://worldcat.org/title/1159932864>.
- Peter S. and Timmerhause (1991), *Plant Design and Economic to Chemical Engineering* 4th edition, Singapore: McGraw-Hill Book Company, New York Edition, McGraw Hill.
- Severn, W.H., 1964, “*Steam Air and Gas Power*”, New York : John Wiley and Sons
- Peters, Max S., 1925, “*Plant Design and Economics For Chemical Engineering*”, McGraw Hill
- Smith, J.M. and Van Ness, H. C., “*Introduction to Chemical Engineering Thermodynamics*”, McGraw Hill, New York
- Ulrich, G.D. (1984), *A Guide to Chemical Engineering Process Design and Economics*, New York: John Wiley and Sons, Inc.
-



PROPOSAL PRA RANCANGAN PABRIK
“KRISTAL ALUM (ALUMINIUM AMONIUM SULFAT” DARI
ALUMINIUM SULFAT DAN AMONIUM SULFAT DENGAN
PROSES KRISTALISASI NON KATALIS

- US. Patent 1,914,177, (1933), Method of Manufacturing Anhydrous Aluminium Sulphate,
United States: Patent Office
- US. Patent 2,833,621, (1958), Method of Preparing Metallurgical Grade Alumina, United
States: Patent Office
- US. Patent 3,226,186, (1965), Method of Obtaining Aluminium Amonium Alum, United
States: Patent Office Program Studi S-1 Teknik Kimia
- Vilbrandt, F.C. and Dryden, C.E., (1959), Chemical Engineering Plant Design, 4th edition,
Tokyo: McGraw Hill International Book Company, Kogakusha Ltd.
- Walas, Stanley M., (1990), Chemical Process Equipement Selection and Design, United
States of America: Butterworth Heinemann, Inc.
- Yaws, Carl. L., 1999., “Chemical Properties Handbook”, Mc Graw Hill Book Company, New
York