



PRA RANCANGAN PABRIK
KERTAS DARI PULP BERBAHAN DASAR BAGASSE TEBU
DENGAN PROSES SODA

DAFTAR PUSTAKA

- AWWA. (1991), *Coagulant Recovery: A Critical Assessment*, 3th edition, America Water Works Association, United States of America.
- Badan Pusat Statistik (2025), *Ekspor dan Impor*
- Badan Standardisasi Nasional (2008), *Kertas Cetak A*, Jakarta: SNI 7274:2008
- Badger, W. L., & Banchero, J. T. (1955), *Introduction to Chemical Engineering*, McGraw Hill.
- Bajpai, P. (2012). *Environmentally Benign Approaches for Pulp Bleaching (2nd ed.)*. Amsterdam: Elsevier.
- Brownell, L.E. & Young, E.H. (1959), *Process Equipment Design*, Wiley Eastern Limited, New Delhi
- Casey, J. P. (1984), *Pulp and Paper Chemistry and Chemical Technology (3rd ed)*, New York: John Wiley and Sons
- Coulson, J. M., & Richardson, J. F. (2005), *Coulson & Richardson's Chemical Engineering Design (4th ed., Vol. 6)*. Elsevier.
- Fengel, D., & Wenger, G (1995), *Kayu, Kimia Ultra Struktur Reaksi-reaksi*, Yogyakarta: Gajah Mada University Press
- Foust, A. S., Wenzel, L. A., Clump, C. W., Maus, L., & Andersen, L. B. (1960), *Principles of Unit Operations*, John Wiley & Sons.
- Geankoplis, C. J. (1993), *Transport Process and Unit Operations (3rd ed.)*. Prentice Hall International
- Geankoplis, C.I, (2014), *Transport Process and Unit Operation 2nd edition*, Allyn and Bacon, Inc., Boston.
- Himmelblau, D. M., & Riggs, J. B. (1996), *Basic Principles and Calculations in Chemical Engineering (6th ed.)*, Prentice Hall International.
- Joshi, M.V. (1976), *Process Equipment Design*, Professor of Engineering Departement of Chemical Technology University of Bombay.
- Kebon Agung (2022), *Pabrik Gula Kebon Agung Malang*. Malang: PT Kebon Agung



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KERTAS DARI PULP BERBAHAN DASAR BAGASSE TEBU
DENGAN PROSES SODA

- Kemenperin (2021), *Buku Analisis Kinerja Industri Pulp & Kertas, Edisi IV*
- Kementerian Kesehatan, (2023), “Pedoman Penyelenggaraan Kesehatan Lingkungan”, Peraturan Menteri Kesehatan RI No 2 Tahun 2023, hh.33
- Kern, D. Q. (1965), *Process Heat Transfer*. McGraw Hill.
- Kirk-Othmer. (1995), *Kirk-Othmer Encyclopedia of Chemical Technology (4th ed., Vol. 11)*, John Wiley & Sons, New York
- Knapp, S. B & Wetheen, J. D, 1960, *Rapid Soda Process For Pulping Bagasse And Other Non-Wood Plant Lignocelullose*, United States Patent Office, Zurich.
- Kuila, A & Sharma, V (2017), *Linocellulosic Biomass Production and Industrial Application*, Hoboken : John Wiley & Sons, Inc.
- Mamaye, M., Kiflie, Z., Feleke, S. et al. Evaluation of Soda Delignification and Single-Stage Hydrogen Peroxide Bleaching for the Ethiopian Sugarcane Bagasse for Paper Production. *Sugar Tech* 22, 706–717 (2020). <https://doi.org/10.1007/s12355-019-00793-y>
- McCabe, W.L., Smith, J.C., & Harriot, P. (2005), *Unit Operation of Chemical Engineering. 5thed*, Mc Graw-Hill, New York
- McCabe, W. L., Smith, J. C., & Harriot, P. (2005), *Unit Operations of Chemical Engineering (7th ed.)*. McGraw Hill.
- MSDS Tjiwi Kimia Paper Product 2017, Caustic Soda Liquid, <https://tjiwikimia.co.id/in/our-products/-/e/view/20123/chemical-product-indonesia-tjiwi-kimia>, diakses Agustus 2025.
- MSDS Sindopex Pratama Chemical Product 2020, Hydrogen Peroxide Solution, <https://ptpip.co.id/id/wp-content/uploads/2017/01/H2O2-30persen.pdf>, diakses Agustus 2025.
- Nieder-Heitmann, K. H., J. L., & F., G. J (2020), “*Economic evaluation and comparison of succinic acid and electricity co-production from sugarcane bagasse and trash lignocelluloses in a biorefinery, using different pretreatment methods: Dilute acid (H₂SO₄), alkaline (NaOH), organosolv, ammonia fibre expansion. Biofuels, Bioproducts and Biorefining*”, 44(1), 55-77



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KERTAS DARI PULP BERBAHAN DASAR BAGASSE TEBU
DENGAN PROSES SODA

- Perry, R.H & Don, W.G (1997), *Perry's Chemical Engineering 7th edition*, New York: McGraw-Hill Book Company
- Perry, R.H & Don, W.G (1984), *Perry's Chemical Engineering 6th edition*, New York: McGraw-Hill Book Company
- Perry, R.H & Don, W.G (2008), *Perry's Chemical Engineering 8th edition*, New York: McGraw-Hill Book Company
- Perry, R.H & Don, W.G (2019), *Perry's Chemical Engineering 9th edition*, New York: McGraw-Hill Book Company
- Peters, M.S. & Timmerhaus, K.D. (2004), *Plant Design and Economics for Chemical Engineers. 4thed*, MC.Graw-Hill, New York
- Rizky, W.M et.al., (2025), "Upaya Pengelolaan Sungai Madiun Melalui Penentuan Indeks Pencemaran Air", *Jurnal Serambi Engineering*, Vol. X, No. 1, hh. 12637
- Rossini, F.D et al., (1952), *Selected Values of Chemical Thermodynamic Properties*, US Government Printing Office, Washington D C
- Severns, William H., and Howard E. Degler (1948), *Steam Air dan Gas Power 4th edition*, John Wiley and Sons, Inc, New York.
- Smith, J.M., Van Ness H.C., & Abbott M.M. (2005), *Introduction to Chemical Engineering Thermodynamics, 7th edition*, McGraw Hill Companies, Inc, Singapore
- Sugiharto, (2008), *Dasar-Dasar Pengelolaan Air Limbah*, UI Press, Jakarta
- Ullman, S (2004), *Encyclopedia of industrial chemistry*, New York: Wiley Interscience.
- Ulrich, G. D. (1984), *A Guide to Chemical Engineering Process Design and Economics*, John Wiley & Sons, New York
- Underwood, A. L., & Day, R. A., Jr. (2002), *Analisis Kimia Kuantitatif (Edisi ke 6)*. Penerbit Erlangga, Jakarta
- Yaws, C. L. (1999). *Chemical Properties Handbook*, McGraw Hill.