



## DAFTAR PUSTAKA

- Anonim, 2023. "benzene". (www.alibaba.com). Diakses pada 16 Agustus 2023.
- Anonim. 2023. "cumene". (www.alibaba.com). Diakses pada 16 Agustus 2023.
- Anonim. 2023. "Catalist SPA". (www.alibaba.com). Diakses pada 16 Agustus 2023.
- Anonim. 2023. "Harga Tanah per m<sup>2</sup>". (www.urbanindo.com) Diakses pada tanggal 16 Oktober 2023.
- Anonim. 2023. "Harga Gedung per m<sup>2</sup>". (www. urbanindo.com). Diakses pada tanggal 16 Oktober 2023.
- Anonim. 2023. "process equipment cost estimates". (www.matche.com) Diakses pada tanggal 16 Oktober 2023.
- Anonim. 2023. "propylene". (www.alibaba.com). Diakses pada 16 Agustus 2023.
- A.L, Underwood,. R.A. Day. 1980. Quantitative Analysis. 4th Edition. Prentice-Hall.Inc.
- Badan Pusat Statistik (BPS), 2023. Ekspor-Impor : Cumene, Badan Pusat Statistik, Diakses: 20 Juni 2023, <https://www.bps.go.id/subject/8/ekspor-impor.html>
- Badger , W.L. and Banchero , J.T. , 1955 , "Introduction to Chemical Engineering" ,Inted , McGraw-Hill Book Company Inc. , N.Y.
- Brownell, Lloyd E., Young , Edwin H. 1959. "Process Equipment Design". New York : John Wiley & Sons, Inc.
- Coulson, J.M. and Richardson, J.F., 2005,"Chemical Engineering", Vol. 6, Pergamon Press, Oxford.
- Dean, John A. 1968, "Lange's Handbook Of Chemistry", 15th edition. New York: McGraw-Hill Book Company Inc
- Geankoplis, Christie J. 1978. "Transport Processes and Unit Operations", 3<sup>rd</sup> edition. New Jersey : Prentice - Hall International, Inc
- ICIS, 2023, Global Cumene Capacity, Independent Commodity Inteligences Service, Diakses: 20 Juni 2023, [www.icis.com](http://www.icis.com)
- Himmelblau, D.M. 1996. Basic Principles and Calculations in Chemical Engineering. Prentice Hall International. London



**PRA PERANCANGAN PABRIK  
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DAN BENZENA DENGAN MENGGUNAKAN PROSES ALKILASI**

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- Kementerian Perindustrian Republik Indonesia (Kemenperin RI), 2023, Kapasitas Produksi CHANDRA ASRI PETROCHEMICAL, Diakses: 20 Juni 2023, [www.kemenperin.go.id](http://www.kemenperin.go.id)
- Kern, D.Q., 1950, " Process Heat Transfer ", McGraw-Hill International Book Company Inc., New York.
- Kirk R.E & Othmer, D.F., 1978, Encyclopedia of Chemical Technology, 2<sup>nd</sup> edition. A Willey Interscience Publication, John Wiley and Sons Co., New York
- Levenspiel, O., 1976, " Chemical Reaction Engineering ", 2<sup>nd</sup> ed., John Wiley and Sons, inc., New York.
- Matthew Van Winkle. 1967. Distillation. Mc. Graw Hill, New York.
- Mc.Cabe, W. L., Smith, J. C., Harriott, P. 1993. " Unit Operations Of Chemical Engineering" , 5th edition. New York : Mc Graw Hill Companies Inc.
- Meyers, A.Robert, 2005, Handbook of Petroleum Refining Process, 3<sup>rd</sup> edition. McGraw-Hill Education, New York.
- Mulyani, Y, & Fadila, I, 2021, 'Analisa Lifetime Katalis pada Reaktor Fix Bed di Catalytic Condensation Unit Light End Unit', *Jurnal Migasian*, Vol. 5, No. 2, hh. 12 - 20
- Perry, Robert H. 1973. "Perry's Chemical Engineer's Handbook" , 6th edition. New York : McGraw-Hill Book Company Inc.
- Perry, Robert H. 1999. "Perry's Chemical Engineer's Handbook" , 7th edition. New York : McGraw-Hill Book Company Inc.
- Perry, Robert H. 2008. "Perry's Chemical Engineer's Handbook" , 8th edition. NewYork : McGraw-Hill Book Company Inc.
- Pertamina, 2023, Product-Petrochemical : Benzene, Diakses: 20 Juni 2023, <https://onesolution.pertamina.com/Product/Petrochemical?cat=product>
- Peters, Max S., Timmerhaus, Klaus D. 2005. "Plant Design and Economics For Chemical Engineers", 5th edition. New York : McGraw-Hill Book Company Inc.
- Severn, W. H., Degler, H. E. & Milles, J. C. 1959. Steam, Air and Gas Power, 5th edition. New York: John Wiley and Sons.



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- Sherwood, T. 1977. *The Properties of Gases and Liquid*. 3th ed. Mc Graw Hill Book Co., Inc. New York
- Smith. J.M., Van Ness. H.C., Abbott, M.M. 2005. "Introduction to Chemical Engineering Thermodynamics", 7th edition. New York : McGraw-Hill Book Company Inc.
- S&P Global, 2023, Cumene : Chemical Economics Handbook, S&P Global Commodity Insight, Diakses : 20 Juni 2023, <https://www.spglobal.com/>
- Turton, R., Bailie, R.C., Whiting, W.B., 2018, *Analysis, Synthesis, and Design of Chemical Processes*, 5ed., Prentice-Hall Inc., New Jersey.
- Treybal, R.E, 1981, "Mass Transfer Operations", 3ed, McGraw Hill Book Company Inc., N.Y
- Ulrich, G.D., 1984, *A Guide to Chemical Engineering Process Design and Economics*, John Wiley and Sons : New York
- UN Comtrade, 2023, *Commodity Export-Import Volume : Cumene*, Diakses: 20 Juni 2023, <https://comtrade.un.org/>
- UOP, LLC, 2006, *Process Technology and Equipment Q-Max Process*, Honeywell, UOP LLC.
- US Patent. 1973. "Process For Alkylation Of Aromatic Compounds". Monsanto Company, St. Louis, Mo.
- W Dean, John A. 1968, "Lange's Handbook Of Chemistry", 15th edition. New York: McGraw-Hill Book Company Inc.
- Yaws, C.L., 2008, *Chemical Properties Handbook*, McGraw-Hill Book Company, New York.