



PRA RANCANGAN PABRIK

"Pabrik Titanium Dioksida dari Ilmenit dan Asam Sulfat dengan Proses Sulfat "

DAFTAR PUSTAKA

- Alibaba (2026). Data spesifikasi kemasan industri (Pellet ABS & TiO₂). Available at: <https://www.alibaba.com> (Accessed: 7 April 2026).
- APRIL Group (2025). Sustainability Report 2024: Advancing APRIL2030 Commitments. APRIL Group. Available at: <https://www.aprilasia.com/id/sustainability/sustainability-report>
- Aries, R. S. and Newton, R. D. (1955). Chemical Engineering Cost Estimation. New York: McGraw-Hill.
- Badan Meteorologi, Klimatologi, dan Geofisika (2025). Data iklim dan cuaca Kabupaten Bangka Selatan. Available at: <https://www.bmkg.go.id/> (Accessed: 13 April 2026).
- Badan Pusat Statistik (2025). Tingkat pengangguran terbuka (TPT) Provinsi Kepulauan Bangka Belitung. Available at: <https://www.bps.go.id/> (Accessed: 13 April 2026).
- Badan Pusat Statistik (2026). Data impor, ekspor, dan konsumsi industri titanium dioksida di Indonesia. Available at: <https://www.bps.go.id/> (Accessed: 7 April 2026).
- Brownell, L. E. and Young, E. H. (1959). Process Equipment Design: Vessel Design. New York: John Wiley & Sons.
- Chemical Engineering Plant Cost Index (CEPCI) (2025). Annual Index.
- ChemicalBook (2026). Safety data sheet titanium dioxide (TiO₂). Available at: <https://www.chemicalbook.com/> (Accessed: 7 April 2026).
- Chen, X. and Mao, S. S. (2007). 'Titanium dioxide nanomaterials: Synthesis, properties, modifications, and applications', Chemical Reviews, 107(7), pp. 2891–2959.
- Coulson, J. M. and Richardson, J. F. (2005). Chemical Engineering Volume 6: Chemical Engineering Design. 4th ed. Oxford: Butterworth-Heinemann.
- Dow Chemical Company (2025). Dowtherm™ A Heat Transfer Fluid.



PRA RANCANGAN PABRIK

"Pabrik Titanium Dioksida dari Ilmenit dan Asam Sulfat dengan Proses Sulfat "

-
- Ermawati, R. et al. (2016). 'Penggunaan titanium dioksida sebagai fotokatalis dan aplikasinya', Jurnal Terkait, 1(1), pp. 1–10.
- Fisher Scientific (2024). Safety Data Sheet: Ferrous sulfate heptahydrate. Thermo Fisher Scientific. Available at: <https://www.fishersci.com> (Accessed: 17 May 2026).
- Fujishima, A., Zhang, X. and Tryk, D. A. (2008). 'TiO₂ photocatalysis and related surface phenomena', Surface Science Reports, 63(11), pp. 515–582.
- Gambogi, J. (2023). Mineral commodity summaries: Titanium. Reston: United States Geological Survey (USGS).
- Geankoplis, C. J. (2014). Transport Processes and Separation Process Principles (Includes Unit Operations). New Jersey: Prentice Hall.
- Grätzel, M. (2001). 'Photoelectrochemical cells', Nature, 414(6861), pp. 338–344.
- Himmelblau, D. M. (1996). Basic Principles and Calculations in Chemical Engineering. 6th ed. New Jersey: Prentice Hall.
- Jotun Group (2025). Jotun Group Annual Report 2024: Protecting Property. Jotun Group. Available at: <https://www.jotun.com/ww-en/about-jotun/financial-information>
- Kementerian Energi dan Sumber Daya Mineral (2022). Laporan kinerja Direktorat Jenderal Mineral dan Batubara. Jakarta: Kementerian ESDM.
- Kementerian Perindustrian (2025). Data tingkat komponen dalam negeri (TKDN). Available at: <http://tkdn.kemenperin.go.id/> (Accessed: 10 April 2026).
- Kern, D. Q. (1950). Process Heat Transfer. New York: McGraw-Hill.
- Kirk-Othmer (2004). Encyclopedia of chemical technology. 5th ed. Hoboken: John Wiley & Sons.
- Kurs Dollar (2026). Data nilai tukar mata uang (Exchange rate). Available at: <http://www.kursdollar.net>
- Kusnarjo (2010). Desain pabrik kimia. Surabaya: ITS Press.
- Levenspiel, O. (1999). Chemical Reaction Engineering. 3rd ed. New York: John Wiley & Sons.
-



PRA RANCANGAN PABRIK

"Pabrik Titanium Dioksida dari Ilmenit dan Asam Sulfat dengan Proses Sulfat "

-
- Liputan 6 (2026). Data dan artikel ekonomi industri. Available at: <https://www.liputan6.com>
- McCabe, W. L., Smith, J. C. and Harriott, P. (1993). Unit Operations of Chemical Engineering. 5th ed. New York: McGraw-Hill.
- Nippon Paint Holdings Co., Ltd. (2025). Integrated Report 2025: Maximizing Shareholder Value. Nippon Paint Holdings Co., Ltd. Available at: https://www.nipponpaint-holdings.com/en/ir/library/annual_report/
- Perry, R. H. and Green, D. W. (2008). Perry's chemical engineers' handbook. 8th ed. New York: McGraw-Hill.
- Peters, M. S. and Timmerhaus, K. D. (1991). Plant Design and Economics for Chemical Engineers. 4th ed. New York: McGraw-Hill.
- PT Avia Avian Tbk. (2025). Laporan Tahunan 2024: Mewarnai Masa Depan yang Berkelanjutan. PT Avia Avian Tbk. Available at: <https://avianbrands.com/hubungan-investor/pusat-informasi-investor>
- PT Chandra Asri Petrochemical Tbk. (2025). Annual Report 2024: Empowering Indonesia's Growth. PT Chandra Asri Petrochemical Tbk. Available at: <https://www.chandra-asri.com/id/investor/reports>
- PT Delta Mineral Indonesia (2026). Safety Data Sheet: Pasir ilmenit. Belitung: PT Delta Mineral Indonesia.
- PT Indah Kiat Pulp & Paper Tbk. (2025). Laporan Tahunan 2024: Menuju Pertumbuhan yang Berkelanjutan. PT Indah Kiat Pulp & Paper Tbk. Available at: <https://asiapulppaper.com/investors>
- PT Kalbe Farma Tbk. (2025). Laporan Tahunan 2024: Bersama Membangun Kesehatan Bangsa. PT Kalbe Farma Tbk. Available at: <https://www.kalbe.co.id/investor/financial-reports/annual-reports>
- PT Kimia Farma Tbk. (2025). Laporan Tahunan 2024: Memperkuat Ekosistem Kesehatan Nasional. PT Kimia Farma Tbk. Available at: <https://www.kimiafarma.co.id/id/investor-relations/laporan-tahunan>
-



PRA RANCANGAN PABRIK

"Pabrik Titanium Dioksida dari Ilmenit dan Asam Sulfat dengan Proses Sulfat "

-
- PT Lotte Chemical Titan Tbk. (2025). Laporan Tahunan 2024: Navigating Challenges, Seizing Opportunities. PT Lotte Chemical Titan Tbk. Available at: <https://www.lottechem.co.id/investor-relations/annual-report/>
- PT Mowilex Indonesia (2025). Sustainability Report: Komitmen Hijau untuk Masa Depan. PT Mowilex Indonesia. Available at: <https://mowilex.com/>
- PT Pabrik Kertas Tjiwi Kimia Tbk. (2025). Laporan Tahunan 2024: Inovasi untuk Masa Depan. PT Pabrik Kertas Tjiwi Kimia Tbk. Available at: <https://asiapulppaper.com/investors>
- PT Paragon Technology and Innovation (2025). Profil Perusahaan: Dedikasi untuk Negeri. PT Paragon Technology and Innovation. Available at: <https://www.paragon-innovation.com/>
- PT Polychem Indonesia Tbk. (2025). Laporan Tahunan 2024: Menjaga Ketahanan di Tengah Dinamika Global. PT Polychem Indonesia Tbk. Available at: <https://www.polychemindo.com/investor-relations>
- PT Propan Raya ICC (2025). Profil Korporasi dan Panduan Teknis Industri Lapisan. PT Propan Raya ICC. Available at: <https://www.propanraya.com/>
- PT Pupuk Sriwidjaja Palembang (2026). Safety Data Sheet: Asam Sulfat. Palembang: PT Pupuk Sriwidjaja Palembang.
- PT Unilever Indonesia Tbk. (2025). Laporan Tahunan 2024: Menumbuhkan Bisnis dengan Cara yang Bertanggung Jawab. PT Unilever Indonesia Tbk. Available at: <https://www.unilever.co.id/investor-relations/laporan-dan-presentasi/laporan-tahunan/>
- Severn, W. H., Degler, H. E. and Miles, J. C. (1954). Steam, Air, and Gas Power. New York: John Wiley & Sons.
- Smith, J. M., Van Ness, H. C. and Abbott, M. M. (2005). Introduction to Chemical Engineering Thermodynamics. 7th ed. New York: McGraw-Hill.
- Subagja, R. (2016). 'Ekstraksi titanium dari ilmenit Bangka melalui tahap dekomposisi dengan KOH dan pelarutan dengan asam sulfat', Prosiding Seminar Nasional Sains dan Teknologi, pp. 1–8.
-



PRA RANCANGAN PABRIK

"Pabrik Titanium Dioksida dari Ilmenit dan Asam Sulfat dengan Proses Sulfat "

The American Society of Mechanical Engineers (ASME) (2023). ASME Boiler and Pressure Vessel Code. New York: ASME.

Treybal, R. E. (1980). Mass-Transfer Operations. 3rd ed. New York: McGraw-Hill.

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

United Nations Comtrade (2025). International trade statistics database. Available at: <https://comtrade.un.org/> (Accessed: 7 April 2026).

United States Geological Survey (USGS) (2023). Mineral commodity summaries: Titanium. Reston: USGS.

United States Geological Survey (USGS) (2025). Mineral commodity summaries: Titanium. Reston: USGS.

United States Patent and Trademark Office (USPTO). US Patent.

Weir, A. et al. (2012). 'Titanium dioxide nanoparticles in food and personal care products', Environmental Science & Technology, 46(4), pp. 2242–2250.

Yaws, C. L. (1999). Chemical Properties Handbook. New York: McGraw-Hill.