



PRA RENCANA PABRIK  
“PABRIK *HIGH DENSITY POLYETHYLENE* (HDPE) DARI ETILEN  
MENGUNAKAN PROSES UNIPOL”

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**DAFTAR PUSTAKA**

- Badan Pusat Statistik 2023, *Buletin Statistik Perdagangan Luar Negeri Ekspor dan Impor*, BPS, Jakarta.
- Badan Pusat Statistik, 2020, *Data Konsumsi Polyethylene*, BPS, Jakarta.
- Badan Pusat Statistik, 2022, *Kota Cilegon Dalam Angka*, BPS, Cilegon.
- Badger, W.L & Banchemo, J.T. 1955. *Introduction to Chemical Engineering*. McGraw Hill. New York.
- Browell, L.E. & Young, E.H. 1959, *Process Equipment Design*, Jhon Willey & Son, New York.
- Chimie, Lavera, and France. 1988. *Polyethylene Composition For Extrusion, Practiculary For Below Moulding*. US Patent 4,786,688.
- Coulson, J.M., and Richardson, J.F., 2005, *Chemical Engineering*, Vol 6, Pergamon Internasional Library, New York.
- Droghetti, Anna. 2007. *High Density Polyethylene*. PCT/EP2007/002144.
- Geankopolis, C.J. 1993, *Transport Processes and Unit Operation*, 3d, PrenticeHall International Inc, New Jersey.
- Himmelblau, D.M, Riggs, J.B, 1989, *Basic Principles and Calculation in Chemical Engineering 5ed*, Prentice Hall, New Jersey.
- Kern, Donald. Q. 1965. *Process Heat Transfer*. New York : Mc Graw-Hill. Book Company.
- Kuni, Daizo & Levenspiel, Octave. 1991, "Fluidization Engineering 2nd Edition", Butterworth-Heinemann 80 Montvale Avenue Stoneham
- Kurniati, D., 2020, *Lintas Keilmuan Memandang Kebencanaan*, PACE, Sumatera Barat.
- Kusumaningsrum, Y., 2022, *Prarancangan Pabrik HDPE dari Ethylene*, Universitas Islam Indonesia, Yogyakarta.
- Malpass D.B., 2010, "*Introduction to Industrial Polyethylene*", Scrivener Publishing LLC., Salem.
- Mc.Cabe, Warren L. 1993. *Unit Operation of Chemical Engineering*, 5rd ed., McGraw Hil Book Company, Inc., Tokyo



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- Nelson, William M, Bartlesville. 1963. Blend Of High Density Polyethylene-1-Butene Copolymer. US Patent 3,280,220.
- Perry, Robert H. dan Dow W. Green. 1997, *Chemical Engineering Handbook 7th Edition*, New York: McGraw-Hill Book Company.
- Smith, J.M and Van Nes, H.C, 1949, *Introduction to Chemical Engineering Thermodynamics 6 ed*, New York : McGraw-Hill Inc.
- Townsend Solutions, 2017, *Polyethylene Catalyst Process Technology Tutorial*, SPE RETEC Houston.
- Ullmann, 2012. *Polyethylene*. 2012 Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim.
- Ulrich, D. Gael. 1984, *A Guide To Chemical Engineering Procces Design And Economics*, Canada : John Wiley & Sons Inc
- United States Patent, 1983, “Catalyst Composition For Polymerizing Ethylene”, Patent No. US 4.379.758.
- Wani, Tabish. 2020. *A Review on the use of High Density Polyethylene (HDPE) in Concrete Mixture*. vol.9. no. 05. hh. 861.
- Yaws, C.L. 1999. *Chemical Properties Handbook*. Mc Graw Hill Handbooks. New York.