

DAFTAR PUSTAKA

- Ameri Research Inc. (2017) *Propylene Glycol Market Size, Industry Analysis / Forecast 2017-2024*. Available at:
- Aries, R. S., and Newton, R. D., 1955, *Chemical Engineering Cost Estimation*, McGraw-Hill, New York.
- BPS (2018a) *Ekspor dan Impor*. Available at:
- BPS (2018b) *Produk Domestik Regional Bruto Kabupaten Gresik Atas Dasar Harga Konstan 2010 Menurut Lapangan Usaha 2010-2016*. Available at: <https://gresikkab.bps.go.id/statictable/2017/07/05/81/produk-domestik-regional-bruto-kabupaten-gresik-atas-dasar-harga-konstan-2010-menurut-lapangan-usaha--juta-rupiah---2010-2016.html> (Accessed: 14 November 2018).
- BPS Gresik (2018) *Kabupaten Gresik dalam Angka 2018*. Gresik: Badan Pusat Statistik Kabupaten Gresik.
- Brown, G.G., 1978, *"Unit Operations"*, Mc. Graw Hill Book Co, New York.
- Brownell, L.E. and E.H. Young, 1959, *"Process Equipment Design Handbook"*, Jogn Wiley and Sons, Inc., New York.
- Chan, Arthur., and Seider, Warren D. (2004) *Batch Manufacture of Propylene Glycol*. Department of Chemical and Biomolecular Engineering University of Pennsylvania. Pennsylvania.
- Coulson, J.M., and J.F. Richardson, 1983, *"Chemical Engineering Design"*, 3ed., Butterworth Heinemann, London.
- Crowl, D.A, Louvar, J.F. 2002. *Chemical Process Safety*. Prentice Hall. New Jersey.
- Google Maps (2018) *Kabupaten Gresik - Google Maps*. Available at: <https://www.google.co.id/maps/place/Kabupaten+Gresik,+Jawa+Timur/@-6.5609263,112.0110219,9z/data=!3m1!4b1!4m5!3m4!1s0x2e77fbfe0d49ca51:0x3027a76e352bed0!8m2!3d-7.1550291!4d112.5721881> (Accessed: 14 November 2018).

- John J. McKetta (1990) *Encyclopedia of Chemical Processing and Design*. Vol. 35. Texas. Marcel Dekker Inc.
- Kern, D.Q., 1965, "Process Heat Transfer", International Student edition, Mc. Graw Hill International Book Co., Tokyo.
- Kementerian Perindustrian (2018) *Kemenperin: Kawasan Industri di Gresik Berpotensi Serap Investasi Rp 83,2 Triliun*. Available at: <http://www.kemenperin.go.id/artikel/18920/Kawasan-Industri-di-Gresik-Berpotensi-Serap-Investasi-Rp-83,2-Triliun> (Accessed: 14 November 2018).
- Kirk, R.E. and Othmer, D.F. (1983) *Encyclopaedia of Chemical Technology*. 3rd edition. Vol. 23. John Wiley and Sons. New York.
- Kirk, R.E. and Othmer, D.F. (1992) *Encyclopaedia of Chemical Technology*. 3rd edition. Vol. 16. Interscience Publishing Inc.. New York.
- Merchant Research & Consulting Ltd. (2015) *Propylene Glycol Production Will Be Dominated by the US Companies / Merchant Research & Consulting, Ltd.* Available at: <https://mcgroup.co.uk/news/20150910/propylene-glycol-production-dominated-companies.html> (Accessed: 14 November 2018).
- Occupational Safety and Health Act. 2000. Process Safety Management. U.S. Department of Labor. Peraturan
- Pemerintah Kabupaten Gresik (2013) 'Kabupaten Gresik', pp. 1–10.
- Peters, M. S., and Timmerhaus, K. D., 1991, *Plant Design and Economics for Chemical Engineers*, 4th ed., McGraw-Hill, Singapore.
- Perry, R.H., 1999, "Perry's Chemical Engineer's Handbook", 7 ed., p. 2.37-2.38, New York, McGraw-Hill Book Company. Powell, S.T., 1954, "Water Conditioning for Industry", 1st ed., Mc Graw Hill Book Co., Tokyo.
- Sinnott, R. K., 1983, "Coulson & Richardson's Chemical Engineering Series : Chemical Engineering Design", Chemical Engineering vol. 6 4th ed., Elsevier Butterworth-Heinemann, Oxford.
- Ullmann, F. (2005) *Ullmann's Encyclopedia of Industrial Chemistry*. pp.14119-14120. John Wiley & Sons. New York.
-

Ulrich, G. D., 1984, *A Guide to Chemical Engineering Process Design and Economics*, pp. 324-329, John Wiley and Sons, Inc., New York.

Yaws, C.L., 1999, *Chemical Properties Handbook Physical, Thermodynamic, Enviromental, Transport, Safety, and Health Related Properties For Organic and Inorganic Chemicals*, Mc Graw Hill Book Companies, Inc., New York.

<http://www.alibaba.com/>, diakses pada tanggal 28 Mei 2019.

<https://www.ameriresearch.com/product/propylene-glycol-market-size-analysis/>
(Accessed: 14 November 2018).

<http://www.bi.go.id>, diakses pada tanggal 28 Mei 2019.

https://www.bps.go.id/all_newtemplate.php (Accessed: 14 November 2018).

<http://matche.com>, diakses pada tanggal 28 Mei 2019.

<http://www.mhhe.com>, diakses pada tanggal 28 Mei 2019.

LAMPIRAN

Pada tugas Prarancangan Pabrik Propilen Glikol dari Propilen Oksid ini telah dihitung beberapa peralatan yang digunakan. Perhitungan dari peralatan-peralatan tersebut disajikan dalam lampiran ini.

1. Reaktor (R-01)
2. Menara Distilasi (MD-01)