

DAFTAR PUSTAKA

- [1] Erlina Yustanti, "Ekstraksi Calcite dan Hydromagnesite Dalam Dolomit Secara Hidtasi dan Karbonatasi," , Tesis Magister Bidang Ilmu Material, Universitas Indonesia, Depok, 2004.
- [2] Andliswarman, "Proses Ekstraksi MgO Dari Mineral Dolomit dan Analisis Techno Economic Proses Produksi," Tesis Magister Bidang Ilmu Material, Universitas Indonesia, Depok, 2003.
- [3] Pradyot Patnaik, *Handbook of inorganic chemicals*. New York: The McGraw-Hill Companies Inc, 2003.
- [4] D. Eliezer, E. Aghion, dan F. Froes, "Magnesium Science, Technology and Applications," *Advanced Performance Material*, vol.5, hlm. 201-212, 1998.
- [5] S. Ruan, E. H. Yang, dan C. Unluer, "Production of reactive magnesia from desalination reject brine and its use as a binder," *Journal of CO₂ Utilization*, vol. 44, Feb 2021, doi: 10.1016/j.jcou.2020.101383.
- [6] N. Chrisayu Natasha, J. Irawan, E. Sulistiyono, F. Eka Yunita, dan A. R. Rhamdani, "Uji Karakteristik Magnesium Karbonat Sintetis Dari Mineral Dolomit," *Seminar Nasional Sains dan Teknologi*, 2019, ISSN : 2407-1846.
- [7] B. Kaur dan S. N. Bhattacharya, "Automotive dyes and pigments," *Handbook of Textile and Industrial Dyeing*, Elsevier, 2011, hlm. 231–251. doi: 10.1533/9780857094919.2.231.
- [8] H. Gelai, M. Pijolat, K. Nahdi, M. Trabelsi-Ayadi, "Mechanism of Growth of MgO and CaCO₃ During a Dolomite Partial Decomposition," *Journal Solid State Ionics*, hlm. 1039–1047, 2007.
- [9] Sulistiyono, E. "Pembuatan Nano Magnesium Karbonat Hasil Ekstraksi Mineral Dolomit Dengan Gelombang Ultrasonik" Doctoral dissertation, Thesis Universitas Indonesia, 2013.

- [10] B. S. Lalia, A. Khalil, dan R. Hashaikeh, “Selective electrochemical separation and recovery of calcium and magnesium from brine,” *Sep Purif Technol*, vol. 264, Jun 2021, doi: 10.1016/j.seppur.2021.118416.
- [11] H. Dong, E. H. Yang, C. Unluer, F. Jin, dan A. Al-Tabbaa, “Investigation of the properties of MgO recovered from reject brine obtained from desalination plants,” *J Clean Prod*, vol. 196, hlm. 100–108, Sep 2018, doi: 10.1016/j.jclepro.2018.06.032.
- [12] Sriatun, Taslimah , Suhartana, *Buku Ajar KIMIA UNSUR*, 1st ed. UPT UNDIP Press Semarang, 2012, ISBN: 978-602-097-309-8.
- [13] SAMCO TECHNOLOGIES, *A Fundamental Guide to Brine Waste Treatment Systems*. SAMCO, 2016.
- [14] L. H. Lelasari, M. K. Widowati, N. C. Natasha, E. Sulistiyono, and A. B. Prasetyo, “The Synthesis of Calcium Salt form Brine Water by Partial Evaporation and Chemica Precipitation,” *IOP Conf. Series: Materials Science and Engineering*, 2017, doi: 10.1088/1757-899X/176/1/012040.
- [15] M. A. Ponka, D. N. Sahdarani, D. T. Kurniadi, D. A. Yoga, F. M. H. Sihombing, and Supriyanto, "Hydrogeochemical model of Ciseeng geothermal field, Bogor, West Java," *IOP Conf. Series: Earth and Environmental Science**, vol. 538, pp. 1–7, doi:10.1088/1755-1315/538/1/012029.
- [16] E. Heraldy, K. D. Nugrahaningtyas, dan H. Heriyanto, “Calcination on Ca-Mg-Al Hydrotalcite from Brine Water and Its Characterization,” *ALCHEMY Jurnal Penelitian Kimia*, vol. 13, no. 2, Sep 2017, doi: 10.20961/alchemy.v13i2.5606.
- [17] T. M. Setyoningrum, W. Murni, G. Haryono, R. Maslakhah, D. Riris, and I. Murti, “Prosiding Seminar Nasional Teknik Kimia ‘Kejuangan’ Pemurnian Batuan Emas Ramah Lingkungan Menggunakan Teknik Sink and Flotation dengan Media Tribromometana,” *Jurusran Teknik Kimia*, pp. 14–15, 2020.

- [18] M. D. Yuniati, F. C. M. P. Wawuru, A. T. Mursito, I. Setiawan, dan L. Lintjewas, "The Characteristics of Padamarang Magnesite under Calcination and Hydrothermal Treatment," *Riset Geologi dan Pertambangan-Geology and Mining Research*, vol. 29, no. 2, pp. 153-162, 2019.
- [19] E. Sulistiyyono dan L. H. Lalasari, "Karakteristik Perubahan Fasa Pada Proses Kalsinasi Dolomit Dengan Metode Kalkulasi MATCH! 3," *Prosiding Semnastek*, 2022.
- [20] M. Seeger, W. Otto, W. Flick, F. Bickelhaupt, dan O. S. Akkerman, "Magnesium Compounds," *Ullmann's Encyclopedia of Industrial Chemistry*, Wiley, 2011. doi: 10.1002/14356007.a15_595.pub2.
- [21] D. R. Gaskell, *Introduction to the Thermodynamics of Materials*, 6th ed. Boca Raton: CRC Press, 2018.
- [22] G. S. Romadhona, R. Kautsarrany, A. Ariani, and E. Yulianto, "Pengaruh Jenis Campuran Batubara terhadap Kebutuhan Alkali Air Laut dalam Menyerap Gas SO₂ Hasil Pembakaran Batubara di PT Paiton Operation and Maintenance Indonesia," *DISTILAT: Jurnal Teknologi Separasi*, vol. 8, no. 3, pp. 654-662, 2022.
- [24] E. Sulistiyyono, A. Manaf, dan Firdiyono, "Pengaruh Media Suspensi Terhadap Proses Ultrasonic Milling Pada Partikel Hydromagnesite." *Majalah Metalurgi*, vol.27, no. 2, hlm 135-140, 2012, ISSN 0216-3188.
- [25] Q. Chen, T. Hui, H. Sun, T. Peng, dan W. Ding, "Synthesis of magnesium carbonate hydrate from natural talc," *Open Chem*, vol. 18, no. 1, hlm. 951–961, Jan 2020, doi: 10.1515/chem-2020-0154.
- [26] S. Muryanto, S. Sutanti, E. Supriyo, dan W. A. Putranto, "Effects of malonic acid on calcium carbonate crystalline phases and morphology," *Atlantis Press*, 2018. doi: 10.2991/icst-18.2018.64.
- [27] Brin, "Jasa Analisis Differentiak Thermal Analysis (DSC)-TGA", Elsabrin, [Online]. Tersedia: <https://elsa.brin.go.id/layanan/index/JASA%20ANALISI%20Differential%20Thermal%20Analysis%20DSC%20-%20TGA/304> [Diakses: 6 Juni 2024].

- [28] Tokoalatlobalatorium " Apa itu SEM(Scanning Electron Microscope)?", Alat labor61wordpress, [Online]. Tersedia: <https://alatlabor61.wordpress.com/2020/05/11/apa-itu-sem-scanning-electron-microscope/> [Diakses: 6 Juni 2024].