

DAFTAR PUSTAKA

- [1] D. A. Alloys, “metals,” 2024.
- [2] O. O. Joseph, P. A. Olubambi, O. O. Joseph, B. M. Edun, J. O. Okeniyi, and O. P. Abioye, “Effects of Alloying on Aluminium-Silicon Alloys – A Review,” *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 1107, no. 1, p. 012116, 2021, doi: 10.1088/1757-899x/1107/1/012116.
- [3] J. Sun *et al.*, “Investigation of Indenter-Size-Dependent Nanoplasticity of Silicon by Molecular Dynamics Simulation,” 2020, doi: 10.1021/acsaelm.0c00659.
- [4] N. Yang *et al.*, “Thermal Interface Conductance Between Aluminum and Silicon by Molecular Dynamics Simulations,” vol. 12, no. 2, pp. 1–7, 2015, doi: 10.1166/jctn.2015.3710.
- [5] M. Fathalian, E. Postek, M. Tahani, and T. Sadowski, “Effect of Diffusion on the Ultimate Axial Load of Complex-Shaped Al-SiC Samples: A Molecular Dynamics Study,” *Molecules*, vol. 29, no. 14, 2024, doi: 10.3390/molecules29143343.
- [6] S. Song *et al.*, “The Influence of Nano-Silicon Carbide on the Properties of Aluminum Alloy Under Salt Dry–Wet Alternations,” *Coatings*, vol. 14, no. 11, 2024, doi: 10.3390/coatings14111472.
- [7] X. Huang, X. Dong, L. Liu, and P. Li, “Liquid structure of Al-Si alloy: A molecular dynamics simulation,” *J. Non. Cryst. Solids*, vol. 503–504, no. September, pp. 182–185, 2019, doi: 10.1016/j.jnoncrysol.2018.09.047.
- [8] S. Dinamika *et al.*, “PROSES AMORFISASI SILIKON KRISTAL,” pp. 123–128, 2017.
- [9] F. A. K. Nasution and A. Irwan, “Analisa Sifat Mekanik Paduan Aluminium Silikon Metal Dengan Variasi Campuran,” *J. Simetri Rekayasa*, pp. 89–93, 2019, [Online]. Available: <https://jurnal.harapan.ac.id/index.php/JSR/article/view/737>
- [10] V. Kumar, H. Mehdi, and A. Kumar, “Effect of Silicon content on the Mechanical Properties of Aluminum Alloy Effect of Silicon content on the Mechanical Properties of Aluminum Alloy,” no. October, 2015.
- [11] “lemetco.” [Online]. Available: <https://www.lemetco.com/metals/>

- [12] A. Introduction, "Materials science".
- [13] "wikipedia." [Online]. Available: https://ca.wikipedia.org/wiki/Silici_natiu
- [14] M. R. Hakim, E. S. Arbintarso, and B. W. Sidharta, "Peranan Chills Pada Kekuatan Tarik Aluminium Paduan Seri 4Xxx," *Academia.Edu*, 2005, [Online]. Available: https://www.academia.edu/download/61564523/PERANAN_CIL_PADA_KEKUATAN_TARIK_ALUMINIUM_PADUAN_SERI_4XXX20191219-69046-aowyu1.pdf
- [15] Jamasri and Sulardjaka, *PENGELASAN PADUAN ALUMUNIUM*. 2019.
- [16] H. Yang, Y. Sun, C. Tan, X. Zhao, B. Chen, and X. Song, "Materials Science & Engineering A Influence of Al – Si coating on microstructure and mechanical properties of fiber laser welded and then press-hardened 22MnB5 steel," *Mater. Sci. Eng. A*, vol. 794, no. January, p. 139918, 2020, doi: 10.1016/j.msea.2020.139918.
- [17] L. T. Kong, G. Bartels, C. Campaña, C. Denniston, and M. H. Müser, "Implementation of Green's function molecular dynamics: An extension to LAMMPS," *Comput. Phys. Commun.*, vol. 180, no. 6, pp. 1004–1010, 2009, doi: 10.1016/j.cpc.2008.12.035.
- [18] P. Rajendran, R. Rathinasabapathy, S. Chandra Kishore, and S. Bellucci, "Computational-Simulation-Based Behavioral Analysis of Chemical Compounds," *J. Compos. Sci.*, vol. 7, no. 5, pp. 1–13, 2023, doi: 10.3390/jcs7050196.
- [19] H. B. Maisun, E. Latifah, and Y. A. Laksono, "Investigating melting point and crystal structure of Mg-Ca alloys using parallel molecular dynamics simulations: LAMMPS and OVITO approach," *J. Phys. Conf. Ser.*, vol. 2900, no. 1, 2024, doi: 10.1088/1742-6596/2900/1/012017.
- [20] P. Noga, T. Skrzekut, and M. Wędrychowicz, "Microstructure and Mechanical Properties of Al-Si Alloys Produced by Rapid Solidification and Hot Extrusion," *Materials (Basel)*, vol. 16, no. 15, pp. 1–14, 2023, doi: 10.3390/ma16155223.