

DAFTAR PUSTAKA

- [1] G. Hirt and R. Kopp, *Thixoforming: Semi-Solid Metal Processing*, Aachen, Germany: Wiley-VCH, 2009.
- [2] N. H. Husain, A. H. Ahmad and M. M. Rashidi, "An Overview of Thixoforming Process," *Materials Science and Engineering* 257, pp. 1-9, 2017.
- [3] S. MacKenzie, "Heat treatment of aluminum VI – Artificial aging," 15 Maret 2021. [Online]. Available: thermalprocessing.com/heat-treatment-of-aluminum-vi-artificial-aging/.
- [4] C. Pillajo, A. Melo, F. Neto, Casanova, P. M. M. d. S. J., J. Anglada-Rivera and Y. Leyet, "Shorter and efficient heat treatment parameters for 6061/6063 aluminium alloys. ," *Canadian Metallurgical Quarterly*, vol. 60, no. (4), p. 359–365. , 2021.
- [5] Ze Zhao, Michael Stuebner, Jim Lua, Nam Phan and Jinhui Yan, "Full-field temperature recovery during water quenching processes via physics-informed machine learning," *Journal of Materials Processing Technology*, vol. 303, no. 117534, 2022.
- [6] Y. S. Irawan, "Tekstur Bidang Geser (111) pada Pelat Aluminium A1100P dengan Berbagai Rasio Pengerolan Dingin Berpengaruh terhadap Kekuatan Tarik," *Seminar Nasional Pascasarjana VIII*, 2008.
- [7] G. Bădărău, M. Popa, G. Stoian, A.-M. Roman, R.-I. Comănesci, B. Pricop, u. Nicanor Cimpoes and L.-G. Bujoreanu, "Uncommon Cold-Rolling Faults in an Fe–Mn–Si–Cr Shape-Memory Alloy," *Crystals*, vol. 250, p. 14, 2024.
- [8] N. Nayiroh, *Teknologi material komposit*, Malang: Universitas Islam Negeri Maulana Malik Ibrahim, 2013.
- [9] V. Vlack and L. H, *Elements of Materials Science and Engineering*, Michigan: Addison-Wesley Publishing Company, 1985.
- [10] T. V. Christy, N. Murugan and S. Kumar, "A comparative study on the microstructures and mechanical properties of Al 6061 alloy and the MMC Al

- 6061/TiB₂/12p," *Journal of Minerals & Materials Characterization & Engineering*, 9(1), pp. 57-65, 2010.
- [11] P. Gudlur, A. Forness, J. Lentzc, M. Radovic and A. Muliana, "Thermal and mechanical properties of Al/Al₂O₃ composites at elevated," *Materials Science and Engineering A 531*, pp. 18-27, 2012.
- [12] Kumar, D. Amru, S. Dadan and R. Zulfikar, "Perancangan Alat Uji Impak Charpy Sederhana Untuk Material Logam Baja St 30," *Journal of Mechanical Engineering, Manufactures, Materials and Energy*, pp. 1-9, 2017.
- [13] G. Barbato, M. Galetto, A. Germak and F. (. Mazzoleni, "Influence of the indenter shape in Rockwell hardness test," *Proc. of the HARDMEKO '98*, pp. 21-23, 1998.
- [14] H. Setiawan, "Pengaruh Proses Heat Treatment pada Kekerasan Material Special K (K100)," *Jurnal UMK*, pp. 1-11, 2012.
- [15] M. A. Fikri, I. N. Gusniar and V. Naubnome, "Tensile Test Analysis And Microstructure Observation Of Shielded Metal Arc Welding S45c Steel Against Current Variations," *Traksi : Majalah Ilmiah Teknik Mesin*, pp. 65-78, 2022.
- [16] E. Tolouie and R. Jamaati, "Effect of rolling reduction on the microstructure,texture, and mechanical behavior of AZ91 alloy," *Journal of materials research and technology*, pp. 7947 - 7957, 2023.
- [17] A. A. Alhamidi and M. Dewi, "MICROSTRUCTURAL AND MECHANICAL PROPERTIES AL 6061 PROCESSED BY COLD ROLLING AND AGING," *VANOS Journal of Mechanical Engineering Education*, pp. 2528-2611, 2018.
- [18] G. Pratomo, "Analisa Struktur Mikro dan Tingkat Kekerasan Logam Alumunium Hasil Cold Rolling Dengan Variasi Reduksi Pada Jarak Roller 1 mm, 2 mm, 3 mm, 4 mm.," Universitas Muhammadiyah Surakarta, 2019.
- [19] E. Tolouie and R. Jamaati, "Effect of rolling reduction on the microstructure,texture, and mechanical behavior of AZ91 alloy," *journal of materials research and technology*, pp. 7947 - 7957, 2023.