

## DAFTAR PUSTAKA

- [1] Tajuk Rencana., (2024). Sistem Pendingin Mesin. Diakses dari <https://automotivequest.com>
- [2] HAPLI. (n.d.). Paduan CuZn (Kuningan). Diakses dari [https://hapli.wordpress.com/non\\_ferro/paduan-cuzn-kuningan](https://hapli.wordpress.com/non_ferro/paduan-cuzn-kuningan)
- [3] Febriyanti, E., Raharjo, W., & Prasetyo, A. (2022). Pengaruh peningkatan reduksi terhadap penghalusan butir dan sifat mekanik paduan Cu-Zn 70/30 setelah deformasi pada suhu 400°C. *Jurnal Rekayasa Mesin*.
- [4] Erwin., Yefri Chan., Husen Asbanu., and Amar Ahmad Fahrezi., 2024, Proses Casting Daur Ulang Paduan Brass Untuk Meningkatkan Sifat Mekanik dan Rekayasa Material Ramah Lingkungan Pada Roda Gigi, *Journal of Enterprise Technologies*, Vol 4 No.12
- [5] Li, X., et al. (2024). Microstructure Evolution and Strengthening Mechanism of Regenerated Brass Alloy under Fe-Mn Control during Cold Drawing. *Metals and Materials International*.
- [7] Callister, W. D., & Rethwisch, D. G. (2018). *Materials Science and Engineering: An Introduction* (10th ed.). John Wiley & Sons.
- [8] Kalpakjian, S., & Schmid, S. R. (2014). *Manufacturing Engineering and Technology* (7th ed.). Pearson Education.
- [9] Widodo, R. (2012). *Struktur Mikro dan Sifat Mekanik Paduan Kuningan Cu-Zn*. Surakarta: UNS Press.
- [10] Windaru, Rizky (2023) PENINGKATAN KUALITAS KOMPONEN CLUTCH PUSH ROD DENGAN VARIASI PADUAN CuZn MENGGUNAKAN METODE SQUEEZE CASTING. Other thesis, UPT PERPUSTAKANPOLSRI.
- [11] Faris Fauzi Anas, M., Nurdin, M., & Huda, M. (2022). Pengaruh suhu pengecoran terhadap struktur mikro dan kekerasan paduan kuningan Cu-60%Zn-40% pada evaporative casting. *Jurnal Metalurgi Indonesia*, vol.15, no.2
- [12] Halim, M., Pratama, A., & Sari, D. (2021). Pengaruh komposisi terhadap ketahanan korosi paduan kuningan Cu-Zn dalam lingkungan air laut. *Jurnal Teknik Kimia*, vol.12(no.3)
- [13] Rahman, F., Wibowo, T., & Nugraha, E. (2022). Studi reaktivitas dan ketahanan kimia paduan kuningan pada lingkungan asam, *Jurnal Material dan Korosi*, vol.7(no.2)

- [14] Kustomo, A. (2020). Prinsip dan Aplikasi Energy Dispersive X-ray Spectroscopy (EDX) pada Mikroskop Elektron. *Jurnal Sains Material Indonesia*, 8(2), 100–110.
- [15] Al Farizi, H., Subekti, S., & Ardiansyah, D. (2024). Analisis Variasi Waktu Tekan pada Rotary Friction Welding Menggunakan SEM-EDX. *METALIK: Jurnal Manufaktur, Energi, Material Teknik*, 13(1), 31–37
- [16] Fitrah, R., Nugroho, S., & Santoso, B. (2022). Analisis Karakteristik Morfologi dan Komposisi Material Menggunakan SEM-EDX. *Jurnal Teknik Material*, 15(1), 23–34.
- [17] Fitrah, A., Syahputra, H., & Ramadhani, D. (2022). Pengaruh Komposisi Seng terhadap Sifat Mekanik Paduan Kuningan Hasil Daur Ulang. *Jurnal Teknik Mesin dan Material*, 10(2), 85–92.
- [18] Kustomo, D. (2020). Pengaruh Fasa Alfa dan Beta pada Sifat Mekanik Paduan Kuningan. *Jurnal Ilmu dan Teknologi Material*, 8(1), 33–40.
- [19] Anas, Y., Kurniawan, F., & Santoso, E. (2022). Pengaruh perlakuan panas terhadap mikrostruktur dan sifat mekanik paduan Cu-Zn. *Jurnal Teknik Material*, vol.15(no.1)
- [20] Smith, J., Brown, L., & Johnson, M. (2020). Energy savings and environmental benefits of recycling copper and brass. *Journal of Sustainable Metallurgy*, vol.6(no.3), 210-220. <https://doi.org/10.1007/s40831-020-00262-8>
- [21] IPCC. (2014). *Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge University Press.
- [22] Tchobanoglous, G., Theisen, H., & Vigil, S. (2014). *Integrated Solid Waste Management: Engineering Principles and Management Issues* (2nd ed.). McGraw-Hill Education.
- [23] Allied Metal Recyclers. (2023). How recycling brass can help conserve natural resources. Diakses dari <https://www.alliedmetalrecyclers.com.au/how-recycling-brass-can-help-serve-natural-resources/>
- [24] Wikipedia, Pengecoran logam. diakses dari [https://en.wikipedia.org/wiki/Metal\\_casting?utm\\_source](https://en.wikipedia.org/wiki/Metal_casting?utm_source)
- [25] Campbell, J. (2015). *Complete Casting Handbook: Metal Casting Processes, Metallurgy, Techniques and Design*. Elsevier.
- [26] Arroyan, A., Ibrahim, A., & Hamdani, H. (2024). Efek Perlakuan Panas Terhadap Kekerasan dan Struktur Mikro Paduan Kuningan (Cu-30Zn). *Jurnal Mesin Sains Terapan*, 8(2).

- [27] Liu, X., Chen, Y., & Zhang, H. (2023). Optimization of electric resistance furnace parameters for enhanced material properties. *Journal of Materials Processing Technology*, 295, 117233.
- [28] Arroyan, F., Wijaya, A., & Setiawan, R. (2024). The influence of electric resistance furnace design on energy efficiency and product quality. *Indonesian Journal of Mechanical Engineering*, vol.19(no.1), pp.45–55.

