

DAFTAR PUSTAKA

- [1] Pramono, A. (2008). Komposit Sebagai Trend Teknologi Masa Depan. *Untirta. Cilegon*.
- [2] Adel, Shehata., Samy,J., Ahmed, M.,(2018), *Optimization of EDM process parameters for Al-SiC reinforced metal matrix composite*, *International Journal of Engineering and Technical Research (IJETR)* ISSN: 2321-0869 (O) 2454-4698 (P) Volume-8, Issue-2.
- [3] Pramono. A (2015), *perlakuan panas paduan aluminium berbutir halus ultrafine grained hasil teknologi severe plastic deformation*, *TEKNIKA Jurnal Sains dan Teknologi*, vol 14 No 02.
- [4] Rezayat, M, (2012), *Fabrication of aluminium matrix composites reinforced by submicrometre and nanosize Al₂O₃ via accumulative roll bonding*. *Material science and technolog*, vol 03 No.11, halaman 1233.
- [5] Diana L., Safitra A. G., Nabel M., Ariansyah A, (2020), *Kekuatan Tarik pada Material Komposit dengan Serat Penguat Polimer*, *Jurnal Engine (Energi, Manufaktur, dan Material)* Vol 4, No 2

- [6] Sayuti M., Alhajji M., Sulaiman S., (2020), Mechanical Properties and Morphological Analysis of Copper Filled Aluminum Alloy Hybrid Matrix Composite J. Eng. Technol. Sci., Vol.52, No. 6, 2020, 855-86
- [7] Casati, R., (2016) Microstructural and Mechanical Properties of Al-Based Composites Reinforced with In-Situ and Ex-Situ Al₂O₃ Nanoparticles, Journal of Alloys and Compounds. No.162, 676-895.
- [8] J., Roch, (1990), *ASM Handbook*, ASM International, USA
- [9] Trihutomo, (2014), Pengaruh Proses Annealing Pada Hasil Pengelasan Terhadap Sifat Mekanik Baja Karbon Rendah, Jurnal Teknik Mesin, Volume 22 No 1
- [10] Alhamidi, Ali (2021), Perilaku Material Logam Hasil Proses *Severe Plastic Deformation* (SPD) dan Aplikasinya, Untirta press; Cilegon
- [11] Faraji G., Kim Hyoungh S., (2018) *Severe Plastic Deformation, Methods, Processing and Properties Book*.

- [12] Wagih, A. Fathy, D. Ibrahim, O. Elkady, M. Hassan, (2018) *Experimental investigation on strengthening mechanisms in Al-SiC nanocomposites and 3D FE simulation of Vickers indentation*, Journal of Alloys and Compounds, Volume 752 Pages 137-147, ISSN 0925-8388,

- [13] Firmansyah, 2020, prosedur metalografi, Detech, Tangerang
<https://www.detch.co.id/uji-metalografi/>

- [14] Manurung, V.A.T., Wibowo, Y.T.J., dan Baskoro, S.Y. (2020). Panduan Metalografi. Jakarta: LP2M Politeknik Manufaktur Astra. hlm. 22. ISBN 978-602-71320-9-2.)

- [15] Databasemetallographic,
2021.<https://database.metallographic.com/paceetch ant.php> diakses pada 16 Februari 2022 pukul 14:11.

- [16] Arbi, Muhammad H., 2014, "Hubungan Antara Tegangan-regangan (Stress - Strain Relationships) Pada Beton." Lentera: Jurnal Ilmiah Sains dan Teknologi, vol. 14.

- [17] ASTM B2029/B20M-21, 2021. *Standar Specification for Aluminium and Aluminium-Alloy Sheet and Plate ASTM international Handbook.*

- [18] Pramono,, Kolloa. L., dan v.Renno, Veinthala, 2016. “Hot and cold regions during *accumulative roll bonding* of Al/Al₂O₃ nanofibre composites” Proceedings of the Estonian Academy of Sciences, Vol 65, No. 2, Halaman 132–137.
- [19] Solihin S., Mabururi E., Gede, Putrayasa, (2011) Penguatan Tembaga Murni Dengan Teknik *Equal Channel Angular Pressing*, Jurnal Pusat Penelitian Metalurgi dan Material LIPI, Vol 26, No 3.
- [20] Pramono, A., Zulfia, A., Alhamidi, A.,Alfirano, Suryana, Milandia, A.,(2016) *Characteristics of aluminum-based composites reinforced of Al₂O₃/B₄C by accumulative roll bonding (ARB)*. TEKNIKA Jurnal Sains dan Teknologi, vol 17 No 02.
- [21] Ibrahim, I.A., Mohamed, F.A. dan Lavernia, E.J. (1991) Particulate Reinforced Metal Matrix Composites. *Journal of Materials Science*, 26, halaman 1137-1156.
- [22] Hurtomo, Tri, Abdul Rozzaq, (2014), Studi Pengaruh Perlakuan Panas Pada Hasil Pengelasan Baja St 60 Ditinjau dari Kekuatan Tarik Bahan, Kekerasan,

Dan Struktur Mikro, Skripsi Jurusan Teknik Mesin - Fakultas Teknik UM,
Jakarta

- [23] Mabururi, Efendi, (2012) Aplikasi Severe Plastic Deformation (SPD) dan Heavy Cold Rolling Pada Baja Tahan Karat Austenitik 316L, Jurnal Pusat penelitian Metalurgi dan material LIPI, Vol 27, No 1, Jakarta.
- [24] ASTM E 111, 2020, Standard Test Method for Young's Modulus, Tangent Modulus, and Chord Modulus, ASTM international Handbook.
- [25] Pilar, Hidalgo, anez, Oscar, 2018, *Accumulative Roll Bonding of 7075 Aluminium Alloy at High Temperature*, Materials Science Forum, volume 638-642, pages 1929 - 1933