

## DAFTAR PUSTAKA

- [1] Z. Jingshuang, Y. Zhelong, A. Maozhong, T. Zhenmi, and L. Mengchu, "A New Process of Electroplating on Titanium and Titanium Alloy for Aerospace," vol. 2967, no. May, 2017.
- [2] P. Zhang, Z. Xu, G. Zhang, and Z. He, "Surface plasma chromized burn-resistant titanium alloy," *Surf. Coatings Technol.*, vol. 201, no. 9–11 SPEC. ISS., pp. 4884–4887, 2007.
- [3] M. A. Warne and P. C. S. Hayfield, "Durability of Platinized Titanium Anodes in Electroplating," vol. 2967, no. December, 2017.
- [4] S. Surviliene, L. Orlovskaja, G. Bikulcius, and S. Biallozor, "Effect of MoO<sub>2</sub> and TiO<sub>2</sub> on electrodeposition and properties of chromium coating," pp. 230–234, 2001.
- [5] J. Adamus, J. M. Lackner, and L. Major, "A study of the impact of anti-adhesive coatings on the sheet-titanium forming processes," *Arch. Civ. Mech. Eng.*, vol. 13, no. 1, pp. 64–71, 2013.
- [6] U. K. Bhaskar, S. Bid, B. Satpati, and S. K. Pradhan, "Mechanosynthesis of nanocrystalline titanium nitride and its microstructure characterization," *J. Alloys Compd.*, vol. 493, no. 1–2, pp. 192–196, 2010.
- [7] R. Giovanardi and G. Orlando, "Surface & Coatings Technology Chromium electrodeposition from Cr ( III ) aqueous solutions," *Surf. Coat. Technol.*, vol. 205, no. 15, pp. 3947–3955, 2011.
- [8] X. Chen, Q. Yan, and Q. Ma, "Influence of the laser pre-quenched substrate on an electroplated chromium coating/steel substrate," *Appl. Surf. Sci.*, vol. 405, pp. 273–279, 2017.
- [9] M. Nurbanasari, A. Ramelan, and A. PHH, "Proses Pelapisan Kromium Pada Pelat Baja Karbon Rendah," no. Iii, pp. 978–979, 2016.
- [10] B. Ozcelik and M. Bayramoglu, "The statistical modeling of surface roughness in high-speed flat end milling," vol. 46, pp. 1395–1402, 2006.
- [11] D. Tarwijayanto, W. P. Raharjo, and T. Triyono, "Pengaruh Arus Dan Waktu Pelapisan Hard Chrome Terhadap Ketebalan Lapisan Dan Tingkat Kekerasan Mikro Pada Plat Baja Karbon Rendah AISI 1026 Dengan Menggunakan CrO<sub>3</sub> 250 gr/lit Dan H<sub>2</sub>SO<sub>4</sub> 2,5 gr/lit Pada Proses Elektroplating," *MEKANIKA*, vol. 11, no. 02, pp. 109–115, 2013.
- [12] V. S. Protsenko, F. I. Danilov, V. O. Gordiienko, S. C. Kwon, M. Kim, and J. Y. Lee, "Electrodeposition of hard nanocrystalline chrome from aqueous sulfate trivalent chromium bath," *Thin Solid Films*, vol. 520, no. 1, pp. 380–383, 2011.
- [13] T. Uda, T. H. Okabe, Y. Waseda, and Y. Awakura, "Electroplating of titanium on iron by galvanic contact deposition in NaCl – TiCl<sub>2</sub> molten

- salt,” vol. 7, pp. 490–495, 2006.
- [14] N. Mulyaningsih, P. T. Iswanto, and Soekrisno, “Pengaruh waktu elektroplating nikel-chrom terhadap kekerasan baja stainless steel aisi 304,” no. November, pp. 360–366, 2012.
- [15] V. Malau and N. S. Luppaa, “Pengaruh variasi waktu dan konsentrasi larutan NaCl terhadap kekerasan dan laju korosi dari lapisan nikel elektroplating pada permukaan baja karbon sedang,” *Pros. Semin. Nas. Sains dan Teknol. ke-2*, pp. 147–152, 2011.
- [16] Y. Sukrawan, “Analisis Variasi Waktu Proses Hard Chrome Terhadap Kekerasan Dan Ketebalan Lapisan Pada Besi Cor Kelabu,” vol. 39, no. 5, pp. 561–563, 2008.
- [17] T. W. B. Riyadi and Masyrukan, “Hardness and wear properties of laminated Cr-Ni coatings formed by electroplating,” *AIP Conf. Proc.*, vol. 1831, 2017.
- [18] T. W. B. Riyadi, Sarjito, Masyrukan, and R. A. Riswan, “Mechanical properties of Cr-Cu coatings produced by electroplating,” *AIP Conf. Proc.*, vol. 1855, 2017.
- [19] S. R. Yulianto and E. Widodo, “Analisa Pengaruh Variasi Temperatur Proses Pelapisan Nikel Khrom Terhadap Kualitas Ketebalan Dan Kekerasan Pada Baja St 40,” *Proceeding Call Pap. - SNFT UMSIDA, Indones.*, vol. 2, no. 2013, pp. 145–150, 2013.
- [20] F. Amrulloh and A. E. Palupi, “Pengaruh Tegangan Listrik Dan Jarak Elektroda Proses Pelapisan Nikel Krom Terhadap Karakteristik Baja ST 42,” *JTM*, vol. 02, no. Nomor 03, pp. 122–128, 2014.
- [21] I. K. Suarsana, “Pengaruh Waktu Pelapisan Nikel pada Tembaga dalam Pelapisan Khrom Dekoratif Terhadap Tingkat Kecerahan dan Ketebalan Lapisan,” *Cakram*, vol. 2, no. 1, pp. 48–60, 2008.
- [22] R. Deviana and A. M. Sakti, “Pengaruh Waktu Pencelupan Dan Temperatur Proses Elektroplating Terhadap Ketebalan Dan Kekerasan Permukaan Baja ST 42,” *JTM*, vol. 03, no. Nomor 01, pp. 176–183, 2014.
- [23] N. Salim, “Studi Pelapisan Krom Pada Baja Karbon Dengan Rapat Arus 5 Ampere Tegangan 12 Volt Dan Variasi Waktu Pencelupan 10, 20, 30, 40 Dan 50 Menit,” pp. 1–9, 2016.
- [24] K. Singh, D. N. Wasnik, A. K. Grover, M. K. Totlani, and A. K. Suri, “TiN Coatings Modified by an Interlayer of Electroplated Chromium on Mild Steel,” vol. 2967, no. October, 2017.
- [25] H. E. Mohammadloo and A. A. Sarabi, “Titanium composite conversion coating formation on CRS In the presence of Mo and Ni ions: Electrochemical and microstructure characterizations,” *Appl. Surf. Sci.*, vol. 387, pp. 252–259, 2016.