

DAFTAR PUSTAKA

- ASM Handbook., 1990, *Alloy Phase Diagram. ASM International Handbook Committee*. Vol. 3
- Baldissera, P., dan Delprete, C., 2008, *Deep Cryogenic Treatment: A Bibliographic Review, The Open Mechanical Engineering Journal*, Vol. 2, 1-11.
- Baldissera, P., dan Delprete, C., 2010, *Deep Cryogenic Treatment Of AISI 302 stainless steel: Part II– Fatigue and corrosion, Mater, Des*, Vol. 31(10), 4731-4737.
- Bayuseno, A.P., 2009, Analisa Laju Korosi Pada Baja Untuk Material Kapal Dengan dan Tanpa Perlindungan Cat, Rotasi, Vol. 11(3), 32–37.
- Budianto, A., Purwantini, K., dan Sujitno, T., 2009, Pengamatan Struktur Mikro Pada Korosi Antar Butir Dari Material Baja Tahan Karat Austenitik Setelah Mengalami Proses Pemanasan, JFN, Vol. 3(2), 107-130.
- Candane, D., Alagumurthi, N., dan Palaniradja, K., 2013, *Effect of Cryogenic Treatment on Microstructure and Wear Characteristics of AISI M35 HSS, International Journal of Materials Science and Applications*, Vol. 2(2), 56-65
- Cheng, W.C., Liu, C.F., dan Lai, Y.F., 2002, *Observing The D0₃ Phase In Fe-Mn-Al Alloys, Materials Science and Engineering A* 337, 281-286.
- Chiou, S.T., Cheng, W.C., dan Lee, W.S., 2004, The Analysis of The Microstructure Changes of a Fe–Mn–Al Alloy Under Dynamic Impact Tests, *Materials Science and Engineering A* 386, 460–467.
- Crowdhury, P., Canadinc, D., Sehitoglu, H., 2017, *On Deformation Behavior of Fe-Mn Based Structural Alloys, Materials Science and Engineering R* 122, 1-28.
- Fontana, G.M., 1987, *Corrosion Engineering*, 3th ed., McGraw Hill Inc., Singapore.
- Girish, B.M., Satish, B.M., dan Mahesh, K., 2010, *Effect of stacking fault probability and E martensite on damping capacity of Fe–16%Mn alloy, Materials and Design* 31, 2163–2166.
- Gunawan, E., 2017, Pengaruh Temperatur Pada Proses Perlakuan Panas Baja Tahan Karat Martensitik AISI 431 Terhadap Laju Korosi dan Struktur Mikro, Teknika : Engineering and Sains Journal, Vol. 1(1), 55-66.

Honeycombe, R.W.K. dan Bhadeshia, H.K.D., 1995, *Steel Microstructure and Properties*, 2nd ed., Edward Arnold, London.

Ispandriatno, A.S., Krisnaputra, R., 2015, Ketahanan Korosi Baja Ringan Di Lingkungan Air Laut, Jurnal Material Teknologi Proses, Vol. 1(1), 1-7.

Kalia, S., 2010, *Cryogenic Processing: A Study of Materials at Low Temperatures*, *J Low Temp Phys* 158, 934-945.

Kartikasari, R., Sutrisna., 2013, Pengaruh Temperatur Anil Terhadap Ketangguhan dan Ketahanan Korosi Kandidat Baja Ringan Paduan Fe-Al-Mn-Si, ROTASI, Vol. 15(1), 11-15.

Kartikasari, R., 2015, *Effect of Mangan Content on Mechanical Properties and Corrosion Behavior of as Cast Fe-7.5Al-0.6C Alloy*, *International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 13*.

Kartikasari, R., Wijaya, A.E., Iskandar, A.D., Subardi, S., dan Triyono., 2019, *Mechanical Properties and Corrosion Resistance of Grinding Ball Fe-xMn-10Al-1.25C Alloys*, *Journal of Physics: Conference Series* 1375, 012076.

Kartikasari, R., Subardi, A., dan Susiana, A., 2020, *Wear and Corrosion Resistance of Hardened Fe-Al-Mn Grinding Ball*, *The Open Mechanical Engineering Journal*, Vol. 14, 15-23.

Kim, H., Suh, D.W., dan Kim, N.J., 2013, *Fe-Al-Mn-C Lightweight Structural Alloys: A Review On The Microstructures and Mechanical Properties*, *Science and Technology of Advanced Materials* 14, 014205.

Li, C.M., Sommer, F., dan Mittemeijer, E.J., 2002, *Characteristics of the γ - α Transformation in Fe–Mn Alloys*, *Materials Science and Engineering A325*, 307-319.

Li, Xinxin., Wang, J., Qin, J., Pan, S., dan Dong, B., 2019, *The Medium-Range Orders Transition In Liquid Fe–Al Alloys*, *Computational Materials Science* 161, 199-208.

Manurung, Vuko.A.T., 2020. *Panduan Metalografi*. Jakarta: LP2M Politeknik Manufaktur Astra.

Molinari, A., Pellizzari, M., Gialanella, S., Straffelini, G., dan Stiasny, K.H., 2001, *Effect of Deep Cryogenic Treatment on The Mechanical Properties of Tool Steels*, *Journal of Materials Processing Technology* 118, 350-355.

- Pan, Y., Wang, J., Cui, H., Feng, R., Gong, B., Zhao, X., Hou, N., Cui, B., Song, Y., dan Yang, T., 2020, *Effect of Deep Cryogenic Treatment On The Microstructure And Corrosion Behavior of The Microarc Oxidized Mg-2.0Zn-0.5Ca Alloy*, *Journal of Material Research and Technology*, Vol. 9(3), 3943-3949.
- Peng, J., Moszner, F., Rechmann, J., Vogel, D., Palm, M., dan Rohweder, M., 2019, *Influence Of Al Content and Pre-Oxidation On The Aqueous Corrosion Resistance of Binary Fe-Al Alloys In Sulphuric Acid*, *Corrosion Science* 149, 123-132.
- Podgornik, B., Paulin, I., Zajec, B., Jacobson, S., dan Leskovsek, V., 2016, *Deep Cryogenic Treatment of Tool Steels*, *Journal of Materials Processing Technology* 229, 398-406.
- Prayitno, F.A., Syafa'at, I., dan Darmanto., 2020, Analisis Keausan Besi Cor Dengan Lapisan Hardchrome Tanpa Pelumas Menggunakan Pengujian Pin-On-Disc, Momentum, Vol. 16(2), 116-121.
- Raghavan, V., 2005, Fe-Al-Mn, *Journal Of Phase Equilibria and Diffusion*.
- Senthilkumar, D., Rajendran, I., 2014, *A Research Review on Deep Cryogenic Treatment of Steels*, *International Journal Materials and Structural Integrity*, Vol. 8, Nos 1/2/3, 169-184.
- Setiawan, H., 2013, Pengujian Kekuatan Tarik, Kekerasan, dan Struktur Mikro Produk Cor Propeler Kuningan, *Jurnal SIMETRIS*, Vol. 3(1), 71-79.
- Taylor, Ryan, 2009, *Cryogenic Institute of New England, Inc.*
- Van Vlack, L.H., 1992, "Ilmu dan Teknologi Bahan", Edisi Kelima Erlangga, Jakarta.
- Wang, X., Guan, R.G., Misra, R.D.K., Wang, Y., Li, H.C., dan Shang, Y.Q., 2018, *The Mechanistic Contribution of Nanosized Al₃Fe Phase On The Mechanical Properties of Al-Fe Alloy*, *Materials Science & Engineering A*, <https://doi.org/10.1016/j.msea.2018.04.002>.
- Xuan, F.Z., Huang, X., dan Tu, S.T., 2008, *Comparisons Of 30Cr2Ni4MoV Rotor Steel With Different Treatments On Corrosion Resistance In High Temperature Water*, *Materials and Design* 29, 1533-1539.

