

DAFTAR PUSTAKA

- Adnyana.D.N. (1993). *Logam dan Paduan, Tinjauan Tentang Proses Pengolahan dan Hubungan Antara Struktur Dengan Sifat-Sifat Mekanis*. Institute Sains dan Teknologi Nasional. Jakarta.
- Adnyana.D.N. (1994). *Struktur dan Mekanisme Penguatan Logam*. Institute Sains dan Teknologi Nasional. Jakarta.
- Alcoa. (1995). *Can Making Training for United Can*. KAAL Australia.
- Alexander, D.T.L.; Greer, A.L. (2005). *Particle break-up during heat treatment of 3000 series aluminum alloys*. Volume 21, Number 8, August 2005 , pp. 955-960(6)
- Altinkok, Necat. (2004). *Microstructure and Tensile Strength Properties of Aluminium Alloys Composites Produced by Pressure-Assisted Aluminium Infiltration of Al₂O₃/SiC Preforms* Sakarya University. Turkey.
- Atkinson, M. *Lubrication & Formability in Sheet Metal Working, Sheet Metal Industri*, Desember, 1966.
- Bate, P.S., Schofield, H., & Barrett, D.J. (May 1998). *Increasing the Drawability of AA2014 Al-Cu by Differential Heat Treatment*. Journal of Metallurgical and Materials Transactions A, 29A.
- Birol, Y. (2006). *Grain Refining Efficiency Of Al-Ti-C Alloys*. Journal of Alloys and Compounds, 422, 128 – 131.
- Borlange. (1990). *Sheet Metals In Forming Processes*, 16th Biennial Congress IDDRG, June 11-13, 1990.

Burns, G., & Glazer, A. M. (1990). *Space Groups for Solid State Scientists (Second edition)*. London: Academic Press, Inc.

Callister, W.D. (1997). *Materials Science and Engineering*, 4th Edition. New York: John Wiley and Sons.

Chen, G., & Lou, H. (2000). *Oxidation Behavior Of Sputtered Ni–Cr–Al–Ti Nanocrystalline Coating*. Journal Surface and Coatings Technology, 123, 92 – 96.

Chen, J., Feng, Z., Jiang, M., & Yang, B. (2006). *The Effect Of Anodizing Voltage On The Electrical Properties Of Al–Ti Composite Oxide Film On Aluminum*. Journal of Electroanalytical Chemistry, 590, 26 – 31.

Chu, E., Shi, M.F., & Gerdeen, J.C. (1988). *Certain aspect of the Limiting Drawing Ratio in Sheet Metal Forming Process, Controlling Sheet Metal Forming Processes*, Proceedings of the 15th Biennial Congress of the IDDRG.

Courtney, T.H. (1990). *Mechanical Behavior of Materials*. Singapore: McGraw Hill.

Cullity, B.D. (1977). *Elements of X-Ray Diffraction* (Second edition). Notre Dame, Indiana: Addison-Wesley Publishing Company, Inc.

Dieter, G.E. (1988). *Mechanical Metallurgy*, SI Metric Edition. Singapore: McGraw-Hill.

Ding, S., & Morris, J. G. (1997). *Processing of AA3004 Alloy Can Stock for Optimum Strength and Formability*. Journal of Metallurgical and Materials Transactions A, 28A, 2715-2721.

Driver, J.H., et al. (1996). *Aluminum Alloys, Their Physical and Mechanical Properties –Proceedings.* ICAA5-, Part 1-4, Volumes 217-222 of.

Aluminum Matter, [European Aluminium Association](#). (2009), *Aluminum Matter, The University of Liverpool.*

Fellers, W.O. (1990). *Material Science, Testing, and Properties for Technicians.* New Jersey: Prentice Hall Career & Technology.

Feng, J.C., Cao, J., & Li, Z. R. (2007). *Microstructure Evolution and Reaction Mechanism During Reactive Joining of TiAl Intermetallic to TiC Cermet Using Ti–Al–C–Ni Interlayer.* Journal of Alloys and Compounds, 436, 298 – 302.

Furlani, A.M., Stipcich, M., & Romero, R. (2005). *Phase Decomposition In a β Cu–Zn–Al–Ti–B Shape Memory Alloy.* Journal Materials Science and Engineering: A, 392, 386 – 393.

Gasversz, Vincent. (1998). *Statistical Process Control Penerapan Teknik-Teknik Statistik Dalam Manajemen Bisnis Total.* Jakarta: PT. Gramedia Pustaka Utama.

G Bischof et al 1996 J. Phys. (1996) *Investigation of the composition and Structure of GP Zones in Al - Ag by Means of Positron Annihilation Condens.* Matter 8 7523-7537

Ghosh, A.K., Hecker, S.S., & Keeler, S.P. (1984). *Sheet Metal Forming and Testing, Workability Testing Technique,* G.E. Dieter (ed), ASM, Ohio.

Giarno. (2008). *Korosi pada Paduan Aluminium 3104-H19 dalam Lingkungan Hidrogen Peroksida.* Thesis, Program Pasca Sarjana Ilmu Material. Universitas Indonesia.

Ginzburg., Ballas, V.B., & Robert. (2000). *Flat Rolling Fundamentals*. New York: Marcel Dekker.

Gouliard, Jay.L. (2001). *Package Authorization Manual Can Body and Can End*. Atlanta, Georgia: The Coca-Cola Company.

Guangjie, Huang ; Qing Liu; Lingyung Wan; Xiaohui Yin; (1994). *Dynamic Recrystallization of 3104 Aluminum Alloy During Isothermal Compression Deformation at Elevated Temperatures*. Trans Tech, Aedermannsdorf.

Gu, X., Jiao, T., Kecske, L.J., Woodman, R.H., Fan, C., Ramesh, K.T., Hufnagel, T.C. (2003). *Crystallization And Mechanical Behavior Of (Hf, Zr)–Ti–Cu–Ni–Al Metallic Glasses*. Journal of Non-Crystalline Solids, 317, 112 – 117.

Guan, Z.Q., Pfullmann, T., Oehring, M., & Bormann, R. (1997). *Phase Formation During Ball Milling And Subsequent Thermal Decomposition Of Ti–Al–Si Powder Blends*. Journal Of Alloys And Compounds, 252, 245 – 251.

Harpeii, E.T. (1998). *Numerical Prediction of Limiting Draw Ratio in Aluminum Cylindrical Cup Drawing*. Journal of Metallurgical and Materials Transactions, 29A.

Harris, J.N. (1983). *Mechanical Working of Metals*. Pergamon Press.

Hatch., & John E. (1988). *Aluminum Properties and Physical Metallurgy*, American Society for Metals, Metals Park, Ohio.

Hida, Moritaka. (2007). *An electronic approach to the G.P. zone formation requirement in magnesium and aluminum light metals*. Journal of Japan Institute of Light Metals.

Hirohiko, T., Shiomi., Kikuchi., Noriyuki, Y., & Haruo, O. (2003). *Tensile Properties and Press Formability of Mg-9Li-1Y Alloy Sheet*. Journal of Materials Transaction, Vol 44, No. 11.

Horn, K. R. V. (1967). *Aluminum : Properties, Physical Metallurgy and Phase Diagrams*, Vol. 1. Ohio: American Society for Metals.

Hosford, W.F., & Caddell, R.M. (1983). *Metal Forming : Mechanics and Metallurgy*. New Jersey: Prentice-Hall International.

Iain, L.M. (1981). *Principles of Mechanical Metallurgy*. Edward Arnold Publ.

Inoue, H.; Sato, T.; Kojima, Y.; Takahashi, T. (2000). *The Temperature Limit for GP Zone Formation in an Al-Zn-Mg Alloy*. Smithsonian Astrophysical Observatory.

Ishikawa, K. (1989). *Teknik Penuntun Pengendalian Mutu*. Jakarta: Mediyatama Sarana Perkasa.

Jena, A.K., & Chaturvedi, M.C. (1992). *Phase Transformation in Materials*. New Jersey: Prentice Hall.

Jiang, Y., He, Y.H., Xu, N.P., Huang, B.Y., Liu, C.T. (2008). Effects Of The Al Content On Pore Structures Of Porous Ti-Al Alloys. *Journal Intermetallics*, 16, 327 – 332.

Jiantao, Liu, S.W. Banovic, R.J. Feields, and J.G. Morris. (2006). *Effect of Intermediate Heat Treatment on Microstructure and Texture Evolution of Continuous Cast Al-Mn-Mg Alloy Sheet*. University of Kentucky, Lexington, KY.

Kashyap, K.T., & Chandrashekhar, T. (2001). *Effect and Mechanisms of Grain Refinement in Aluminium Alloys*. Bull Mater Scinece, Vol 24, No.4.

Kettunen, P.O. (1996). *Plastic Deformation and Strain Hardening*. Materials Science Forum. Switzerland: Transtec Publication.

Kojima, Y., Isobe, T., Senna, M., Sakurai, M., Sumiyama, K., Suzuki, K. (1997). *An XAFS Study On Reconstruction Of Short-Range Order In Mechanically Alloyed Al---Ti And Al---Ti---O Complexes*. Journal of Alloys and Compounds, 248, 52 – 58.

Kojima, Y., Senna, M., Shinohara, T., Ono, S., Sumiyama, K., Suzuki, K. (1995). *An NMR Study On The Mechanochemical Interaction Between Al And Ti In Metals And Hydrogels*. Journal of Alloys and Compound, 227, 97 – 101.

Korner, A., (1992). *Incomplete Kear-Wilsdorf Barriers In Ni₃(Al, Ti)*. Philosophical Magazine Letters, 66, 141 – 145.

Liu, J., Banovic, S. W., Fields, R. J., & Morris, J. G. (2006). *Effect of Intermediate Heat Treatment on Microstructure and Texture Evolution on Continous Cast Al-Mn-Mg Alloy Sheet*. Journal of Metallurgical and Materials Transactions A, 37A, 1887-1897.

Liu, G.T., Duh, J.G., Chung, K.H., & Wang, J.H. (2005). *Mechanical Characteristics And Corrosion Behavior Of (Ti,Al)N Coatings On Dental Alloys*. Journal Surface and Coatings Technology, 200, 2100 – 2105.

Mangonon, P.L. (1999). *The Principles of Materials Selection for Engineering Design*. Prentice-Hall.

Marshall, G. (2002). *Grain Size Hardening*. Alumatter.

Maruno, Y., Saiki, H., & Onoue, A. (1999). *Improvement of Deep Drawability of Metal Foil Cups*, Thesis, Dept. of Mechanical Engineering and Materials Science, Kumamoto University.

Maruno, Y., & Saiki, H. (2004). *Effect of Flange Lubrication and Blank Geometry on Square-Shell Deep Drawability of Hard Pure Aluminum Sheets*. International Journal of Materials and Product Technology (IJMPT), Vol.21, No. 1/2/3.

McKie, D., & McKie, C. (1986). *Essentials of Crystallography*. London: Blackwell Scientific Publications.

Medraj, M. (2004). *Mechanical Engineering*. Concordia University.

Mitchell, A.J. (2004). *Formulation and Production of Carbonated Soft Drinks*. Scientific Publications.

Miwa, Y., Sawai, T., Fukai, K., Hoelzer, D.T., & Hishinuma, A. (2000). *Microstructures in Ti-Al Intermetallic Compounds Irradiated At 673 K In HFIR*. Journal of Nuclear Materials, 283, 273 – 277.

Morris, J. G., Merchant, H. D., Westerman, E. J., Morris, P. L. (1993). *Aluminium Alloys for Packaging*. TMS. Pennsylvania.

Moon, K.I., & Lee, K.S. (1999). *A Study Of The Microstructure Of Nanocrystalline Al-Ti Alloys Synthesized By Ball Milling In a Hydrogen Atmosphere And Hot Extrusion*. Department of Metallurgical Engineering. Hanyang University. Seoul.

Morrison, J., Dixon, S.M., Potter, M.D.G., & Davis, C. (2008). *The Correspondence Between Elastic and Plastic Anisotropy in AA3104 and AA5182 Sheet Aluminum Review of Progress in Quantitative Nondestructive Evaluation*, 975, 1192-1198.

Muda, I. (2003). *Pengaruh siklus aniling tipe tumpukan terhadap mampu bentuk dan struktur mikro baja lembaran dingin larus interstisi*. Disertasi, Program Pasca Sarjana Ilmu Material. Universitas Indonesia.

Nandi, P., Nambissan, P.M.G., & Manna, I. (2004). *Amorphisation And Intermetallic Nanophase Formation In Ball-Milled Al-Ti-Si Studied Through Positron Lifetime Spectroscopy*. Journal of Alloys and Compounds, 377, 179-187.

Nobuhiro, K., & Paisarn, R. (2003). *Effect of Tool Radius on Formability During Deep Drawing of AZ 31 Magnesium Alloy Sheets*. Journal of Japan Institute of Light Metals, Vol 53, No. 4.

Pan, F.S., Peng, J., Tang, A.T., & Lu, Y. (2005). *Increasing Cube Texture in High Purity Aluminium Foils for Capacitor*. Journal of Materials Science and Technology, 21, 1432.

Piazza, S., Biundo, G.L.O., Romano, M.C., Sunseri, C., & Quarto, F.D. (1998). *In Situ Characterization Of Passive Films On Al-Ti Alloy By Photocurrent And Impedance Spectroscopy*. Journal Corrosion Science, 40, 1087 – 1108.

Porter, D.A., & Easterling, K.E. (1992). *Phase Transformations in Metals and Alloys* (Second Edition). London: Chapman and Hall.

Prange, R., Cremer, R., & Neushutz, D. (2000). *Plasma-Enhanced CVD Of (Ti,Al)N Films From Chloridic Precursors In a DC Glow Discharge*. Journal Surface and Coatings Technology, 133, 208 – 214.

- Priadi, D. (2004). *Mampu Bentuk Logam Lembaran di tinjau dari nilai Limiting Drawing Ratio (LDR) dan Batas Tinggi Kubah (LDH)*, Departemen Teknik Metalurgi dan Material, Fakultas Teknik-Universitas Indonesia.
- Ragone, D.V. (1995). *Thermodynamics of Materials* (Vols. 1-2). Cambridge, Massachusetts: John Wiley & Sons.
- Ramos, A.S., Calinas, R., & Vieira, M.T. (2006). *The Formation Of γ -TiAl From Ti/Al Multilayers With Different Periods*. Journal Surface and Coatings Technology, 200, 6196 – 6200.
- Rafaja, D., Poklad, A., Klemm, A., Schreiber, G., Heger, D., Sima, S., & Dopita, M. (2006). *Some Consequences Of The Partial Crystallographic Coherence Between Nanocrystalline Domains In Ti-Al-N And Ti-Al-Si-N Coatings*. Journal Thin Solid Films, 514, 240 – 249.
- Romankov, S., Sha, W., Kaloshkin, S.D., & Kaevister, K. (2006). *Fabrication Of Ti-Al Coatings By Mechanical Alloying Method*. Journal Surface and Coatings Technology, 201, 3235 – 3245.
- Ryu, J.R., Moon, K.I., Lee, K.S. (2000). *Microstructure And Mechanical Properties Of Nanocrystalline Al-Ti Alloys Consolidated By Plasma Activated Sintering*. Journal of Alloys and Compounds, 296, 157 – 165.
- Sanders, R.E. (2001). *Technology Innovation in aluminium Products*. The Journal of The Minerals, 53, 21–25.

Sanders, Jr., Robert E. (1998). *Method of Making Aluminum Can Body Stock and End Stock From Roll Cast Stock*. Aluminum Company of America.

Sanderson, S. J. (1975). *The kinetics of G.P. zone growth in Al—Cu and Al—Cu—In alloys.* [Philosophical Magazine](#), Volume 31, Issue 4 April 1975 , pages 757 - 764

Shen, T.H. (1993). *The Effect of Stabilizing on Formability of 3014 Aluminum Alloy During Can Making.* Calirofnia: A Publication of TMS.

Singh, S.K., & Kumar, D.R. (2004). *Numerical Prediction of Limiting Draw Ratio and Thickness Variation in Hydromechanical Deep Draw.* International Journal of Materials and Product Technology (IJMPT), Vol.21, No. 1/2/3.

Smallman, R.E. (1985). *Modern Physical Metallurgy*, 4th ed. Butterworth & Co (Publishers) Ltd.

Smith, W.F. (1979). *Materials and Engineering Instituite.* Columbia: ASM International.

Surdia, T., & Shinroku, S. (1992). *Pengetahuan Bahan Teknik* (Cetakan kedua). Pradnya Paramita.

Sukirno., Priadi, D., & Setiawan, R.A. (2006). *Pengaruh Pelumas Minyak Sawit Pada Proses Deep Drawing Lembaran Kuningan (Cu-Zn).* Jurnal Teknologi, Fakultas Teknik, Universitas Indonesia, Edisi No.2, Tahun XX.

Sun.T.C. (1993). *Surface and Metalurgical Effects In Wall Ironing of AA3104.* Centre of Technology, Kaiser Aluminum & Chemical Corporation, California.

Suryanarayana, C., & Norton, M.G. (1998). *X-Ray Diffraction A Practical Approach.* New York: Plenum Press.

- Tanaka, K., Terasaki, T., Goto, S., Antretter, T., Fischer, F.D., & Cailletaud, G. (2003). *Effect of Back Stress Evolution Due To Martensitic Transformation On Iso-Volume Fraction Lines In a Cr–Ni–Mo–Al–Ti Maraging Steel*. Journal Materials Science and Engineering A, 341, 189 – 196.
- Tebbe, P. A., & Kridli, GT. (2004). *Warm Forming of Aluminum Alloys: An Interview and Future Direction*. International Journal of Materials and Product Technology (IJMPT), Vol.21, No. 1/2/3.
- Teirlinck et al., (1989) "Effect of Homogenization on the Behavior of Roll Cast 3004 for Can Stock", *Continuous Casting of Non-Ferrous Metals and Alloys*; pp. 243-258 Aluminum Company of America.
- Tzenov, N.V., & Barsoum, M.W. (1999). *Synthesis And Characterization of Ti_3AlC_2* . Departement of Materials Engineering. Drexel University. Philadelphia.
- Ujihara, T. ; Osamura, K. ; Amemiya, Y. (1998). *Shape Anisotropy of GP Zone in Early Decomposition Process of Al-Zn Binary Alloy*. Nippon Kinzoku Gakkai, Sendai, Japon.
- Vlack, Van. Lawrence, H. (1995). *Elemen-Elemen Ilmu Rekayasa Material*. Erlangga, Surabaya.
- Westin, G., Ekstrand, A., Zangellini, E., & Borjesson, L. (2000). *Preparation and Optical Studies Of Er-Doped Al–Si–Ti Oxide Glasses Using The $ErAl_3(OPr^i)_2$ Isolated Er-Ion Precursor*. Journal of Physics and Chemistry of Solids, 61, 67- 74.
- Whiteley, R.L., & Wire, D.E. (1962). *Flat Rolled Product III*. New York: Inderscience.

Wilson, A. (2009). *Experimental Verification Of The Theoretical Prediction of The Phase Structure Of a Ni-Al-Ti-Cr-Cu Alloy.* Acta Materialia, 50, 2787–2800.

Young, G.M., & Nesbitt, H.W. (1998). *Processes Controlling The Distribution of Ti And Al In Weathering Profiles, Siliciclastic, Sediments and Sedimentary Rocks.* Journal of Sedimentary Research, 68, 448 – 455.

Zeren, M., & Karakulak, E. (2000). *Microstructural Characterisation of Al-Si-xTi Cast Alloys.* Journal of Material Science and Technology.

Zhang, F., Chen, S.L., Chang, Y.A., & Kattner, U.R. (1997). *A Thermodynamic Description Of The Ti---Al System.* J. Intermetallics, 5, 471- 482.

Zhang, F., Lu, L., Lai, M.O. (2000). *Study Of Thermal Stability of Mechanically Alloyed Ti-75% Al Powders.* Journal of Alloys and Compounds, 297. 211 – 218.

Li, Z., Li, C.X., & Morris, J.G. (1993). *Precipitate Behavior of AA 3004 Aluminum Alloy After Preheat Treatment.* University of Kentucky Lexington, KY 40506

Zwick. (2001). *Testing Machines and Systems for Metals.* Zwick GmbH & Co.KG.