

DAFTAR ACUAN

- [1] William F. Smith, Javad Hashemi, *Foundations of Materials Science and Engineering* (New York: McGraw Hill, 2006), hal. 8
- [2] Soulton, "Pengaruh Temperatur Pengadukan dan % Volum Fraksi Al₂O₃ Terhadap Sifat Mekanik Al-10%Mg Hasil Stir Casting", Tesis, Program Pasca Sarjana Fakultas Teknik UI, Depok, 2006 , hal. 1
- [3] Robert W. Crandall, John D. Graham, "The Effect of Fuel Economy Standard On Automobile Safety", *Journal of Law and Economics*, 32 (1) (April 1989), hal. 97-118
- [4] " *Mass Reduction and Fuel Efficiency*", Diakses 6 Juni 2008, dari World Auto Steel Mediroom
<http://www.worldautosteel.org/newsrelease.do;jsessionid>
- [5] Sanjana Ahmad, David L. Greene, " Effect of Fuel Economy on Automobile safety", *Journal of the Transportation Research Board*, No. 1941, 2005: hal. 1-7
- [6] " *Increasing Vehicle Fuel Economy without Sacrificing Safety*", Diakses 6 Juni 2008, dari International Council on Clean Transportation
- [7] John Banhart, "Manufacture, Characterization, and Application of Cellular Metals and Metal Foams", *Progress in Materials Science*, 46 (2001), hal. 559-632
- [8] P. Schaeffler, *et al.*, "Production, Properties, and Applications of Alulight Closed-Cell Aluminum Foams", *The Fifth International Workshop on Advanced Manufacturing Technologies*, 2002, hal.1-8
- [9] John Banhart,"Aluminium Foams for Lighter Vehicles", *Int. J. Vehicle Design*, Vol. 37, Nos.2/3, 2005, hal 114-125
- [10] D. Leitlmeier, Hans Peter Degischer, H.J. Flankl, " Development of a foaming Process for Particulate Reinforced Aluminum Melts", *Advanced Engineering Materials*, 4(10), 2004, hal. 735-740
- [11] M. Ashby, *et al.*, "Presentation Workshop on Metal Foams", NPL Cambridge University, 2000, hal. 9-26
- [12] Hideo Nakajima, Fabrication, Properties and Application of Porous Metals with Directional Pores, Accepted in *Progress in Materials Science*, 23 September 2006, hal.3-5
- [13] J. Banhart, " Metallic Foams : Challenges and Opportunities", *Eurofoam*, 2000, hal. 13-20

- [14] D.X.Sun, Y.Y.Zhao, "Phase Changes in Sintering of Al/Mg/NaCl Compacts for Manufacturing Al Foams by Sintering and Dissolution Process", *Journal Materials Letters*, 59, 2005, hal. 6-10
- [15] Y.Y.Zhao, D.X.Sun, "A Novel Sintering-Dissolution Process for Manufacturing Al Foams", *Journal Scripta Mater*, 44, 2001, hal. 105-110
- [16] Takashi Nakamura, *et al.*, "Development of New Foaming Agent for Metal Foam", *Materials Transactions*, Vol. 43, No. 5, 2002, hal.1191-1196
- [17] I. Budic, G. Solenicki, "Influencing Parameters on Homogeneity of Aluminium Metal Foam AISi12", *Journal Metabk*, 43(4), 2004, hal. 311-314
- [18] John Banhart, "Metal Foams-from Fundamental Research to Applications", *Frontiers in design of Materials*, 2007, hal. 279-289
- [19] Haydn N.G.Wadley, "Cellular Metals Manufacturing", *Advanced Engineering Materials*, 4(10), 2002, hal.726-733
- [20] M. Ashby, *et.al.*' "Metal Foams : A Design Guide", Butterworth-Heinemann 2000, hal. 8
- [21] John Banhart, "Metal Foams : The Mystery of Stabilisation", Hahn-Meitner Institute-Berlin, 2003.
- [22] N. Babascan, J.Banhart, D. Leitlmeier, "Metal Foams-Manufacturing and Physics of Foaming", Hahn-Meitner Institute-Berlin, 2002.
- [23] S.W.I.P., Y. Wang, J.M.Toguri, "Aluminiu Foam Stabilization by Solid Particles", *Canadian Metallurgical Quarterly*, Vol 38, No.1, 1999, hal. 81-92
- [24] Kiyoshi Nogi, "Wettability of Solid by Liquid at High Temperature", *Fourth International conference High Temperature Capillarity*, 2004, h. 17
- [25] N. Babascan, D. Leitlmeier, H.P. Degischer, "Foamability of Particle Reinforced Aluminium Melt", *Mat.-wiss.u.Werkstofftech*, 34, 2003, hal. 22-29
- [26] "Phase Diagram for Al-Mg", Micrograph Library, University of Cambridge, diakses 10 Juni 2008
- [27] V. Gergely, H.P.Degischer, T.W. Clyne, "Recycling of MMCs and Production of Metallic Foams", hal. 6-16
- [28] Wang Deqing, Shi Ziyuan, "Effect of Ceramic Particles on Cell Size and Wall Thickness of Aluminum Foam", *Materials Science and Engineering A361* (2003), hal. 45–49

[29] N.Babscan, *et al.*, "The Role of Oxidation in Blowing Particle-Stabilised Aluminium Foams", *Advanced Engineering Materials*, 6(6), 2004, hal. 421-428

[30] Karl U. Kainer, "Metal Matrix Composites – Custommade Materials for Automotive and Aerospace Engineering" (Wiley-VCH Verlag GnbH, 2006) hal. 1-5

[31] Sri Harjanto, dkk., "Presentasi Fabrikasi dan Karakterisasi Busa Aluminium Hasil Injeksi Gas", Proposal Hibah Bersaing Tahap II, 2006.

[32] Norman E. Dowling, *Mechanical Behavior of Material* (New Jersey : Prentice Hall Int.Inc., 1993), hal.173.

