

DAFTAR ACUAN

- [1] ASM International. *ASM Specialty Handbook : Aluminium and Aluminium Alloys*. Ohio : American Society for Metals, 1993.
- [2] Data internal PT. X
- [3] Bambang Suharno, Dr.-Ing. dan Bustanul Arifin Ir., M.Phil, Diktat Kuliah: *Grain Refinement dalam Aluminium Tuang*, Eng, Departemen Metalurgi dan Material FTUI, 2006.
- [4] “*Grain Refiner Coveral GR 2815*” diakses dari <http://www.foseco.com> diakses 17 Januari 2008
- [5] William D. Callister, jr, *Material Science and Engineering* (Utah: John Wiley & son,inc, 1997)
- [6] Kaufman, J.G, Elwin L. Rooy. *Aluminum Alloy Casting Properties, Processes, and Applications*. American Foundry’s Society. 2005
- [7] “*Grain Refinement of Aluminium Silicon Foundry Alloys*” diakses dari www.metallurgical.com pada tanggal 1 April 2008
- [8] “*Chemical Composition of Aluminium Alloys*” yang diakses dari http://www.saejinmetals.co.kr/bemarket/shop/index.php?pageurl=viewpage&file_name=03 pada tanggal 17 Januari 2008
- [9] Jorstad, John L., Rasmussen, Wayne M. *Aluminium Casting Technology – 2nd edition*, Illinois : The American Foundry Society, 1993.
- [10] ASM Handbook, *Casting*, Volume 15. Ohio : ASM International Metals Park. 1992
- [11] Bäckerud, Lennart; Chai; Guocai; Tamminen, Jarmo. *Solidification Characteristics of Aluminium Alloys : Volume 2 Foundry Alloys*. Stockholm: Skan aluminium, 1990
- [12] Donald R. Askeland – Pradeep P. Phulé, *The Science and Engineering of Materials, 5th ed*
- [13] “*Dendrite Arm Spacing*” yang diakses dari <http://www.eaa.net/ea/education/TALAT/F3000/F3200.htm> pada tanggal 29 Maret 2008
- [14] Gruzleski, John E; Closset, Bernard M. *The Treatment of Liquid Aluminium - Silicon Alloys*. Illinois : American Foundrymen Society, 1999

- [15] Frazier, William F. ; Benci, John ; Zanter, Joseph ; Tyndall, Harry. Rapid Solidification of Al₃Ti and Al₃Ti plus Copper, *Naval Air Development Center Warminster Pa Air Vehicle And Crew Systems Technology Dept.* Oct 89-Oct 90
- [16] C. Limmaneevichtir, W. Eideh, “Fading Mechanism of grain refinement of aluminum-silicon alloy with Al-Ti-B grain refiners” *Materials Science and Engineering A349* (2003) : 197 – 206
- [17] “Low Pressure Die Casting” diakses dari www.azom.com/details.asp?ArticleID=1392 pada tanggal 1 April 2008
- [18] Torres, Ruben, dkk. “Characterisation of an Aluminium Engine Block” *Inderscience Enterprises*. 2006
- [19] Lim Ying Pio, Shamsuddin Sulaiman, Abdel Majid Hamouda, “Grain Refinement of LM6 Al-Si Alloy Sand Castings to Enhance Mechanical Properties” *Journal of Materials Processing Technology*.162–163 (2005) hal. 435–441
- [20] M Parapat, Thomas; skripsi “ Studi Pengaruh Penambahan 0015 wt. % Sr Terhadap Karakteristik Paduan AC4B Hasil *Low Pressure Die Casting*”. Universitas Indonesia. 2006
- [21] Balugu, skripsi “Studi tentang Paduan Aluminium AA 333.0 dengan Penambahan 0,0015 wt.% Sr : Pengamatan Struktur Mikro dan Uji Kekerasan pada Kondisi Perlakuan Panas T4 dan T6”. Universitas Indonesia 2006
- [22] Bondan T. Sofyan, dkk,”Characteristics of AC2B Aluminium Alloy Modified with 2.0 wt.% Sn” *ICRAMME*, 2005, 147
- [23] Shahrooz Nafisi , Reza Ghomashchi; “Grain Refining of Conventional and Semi-Solid A356 Al-Si Alloy” *Journal of Materials Processing Technology* 174 (2006) hal. 371–383
- [24] Juan Asenio-Lozano, Beatriz Suarez-Pena. “Effect of Addition of Refiners and/or Modifiers on the Microstructure of Die Cast Al-12Si Alloys”. *Scripta Materialia*, 54 (2006), hal. 943-947.
- [25] Manash Dash, Makhlof Makhlof, “Effect of Key Alloying Elements on the Feeding Characteristics of Aluminum-Silicon Casting Alloys”, *Journals of Light Metals*, 2001, hal. 251-265
- [26]”*Brinell to Rockwell Conversion Table*” yang diakses dari www.gordonengland.co.uk/hardness/hardness_conversion_1c.htm pada tanggal 20 Juni 2008

DAFTAR PUSTAKA

ASM Handbook, *Casting*, Volume 15. Ohio : ASM International Metals Park. 1992

ASM International. *ASM Specialty Handbook : Aluminium and Aluminium Alloys*. Ohio : American Society for Metals, 1993.

Bäckerd, Lennart; Chai; Guocai; Tamminen, Jarmo. *Solidification Characteristics of Aluminium Alloys : Volume 2 Foundry Alloys*. Stockholm: Skan aluminium, 1990

Bambang Suharno, Dr.-Ing. dan Bustanul Arifin Ir., M.Phil, Diktat Kuliah: *Grain Refinement dalam Aluminium Tuang*, Eng, Departemen Metalurgi dan Material FTUI, 2006.

Balugu, skripsi “Studi tentang Paduan Aluminium AA 333.0 dengan Penambahan 0,0015 wt.% Sr : Pengamatan Struktur Mikro dan Uji Kekerasan pada Kondisi Perlakuan Panas T4 dan T6”. Universitas Indonesia 2006

Bondan T. Sofyan, dkk, “Characteristics of AC2B Aluminium Alloy Modified with 2.0 wt.% Sn” *ICRAMME*, 2005, 147

”Brinell to Rockwell Conversion Table” yang diakses dari www.gordonengland.co.uk/hardness/hardness_conversion_1c.htm pada tanggal 20 Juni 2008

C. Limmaneevichitir, W. Eidehed, “Fading Mechanism of grain refinement of aluminum-silicon alloy with Al-Ti-B grain refiners” *Materials Science and Engineering A349* (2003) : 197 – 206

“Chemical Composition of Aluminium Alloys” yang diakses dari http://www.saejinmetals.co.kr/bemarket/shop/index.php?pageurl=viewpage&file_name=03 pada tanggal 17 Januari 2008

Data internal PT. X

“Dendrite Arm Spacing” yang diakses dari <http://www.eaa.net/ea/education/TALAT/F3000/F3200.htm> pada tanggal 29 Maret 2008

Donald R. Askeland – Pradeep P. Phulé, *The Science and Engineering of Materials*, 5th ed

Frazier, William F. ; Benci, John ; Zanter, Joseph ; Tyndall, Harry. Rapid Solidification of Al₃Ti and Al₃Ti plus Copper, *Naval Air Development Center Warminster Pa Air Vehicle And Crew Systems Technology Dept*. Oct 89-Oct 90

“Grain Refiner Coveral GR 2815” diakses dari <http://www.foseco.com> pada tanggal 17 Januari 2008

“Grain Refinement of Aluminium Silicon Foundry Alloys” diakses dari www.metallurgical.com pada tanggal 1 April 2008

Gruzleski, John E; Closset, Bernard M. *The Treatment of Liquid Aluminium - Silicon Alloys*. Illinois : American Foundrymen Society, 1999

Jorstad, John L., Rasmussen, Wayne M. *Aluminium Casting Technology – 2nd edition*, Illinois : The American Foundry Society, 1993.

Juan Asenio-Lozano, Beatriz Suarez-Pena. “Effect of Addition of Refiners and/or Modifiers on the Microstructure of Die Cast Al-12Si Alloys”. *Scripta Materialia*, 54 (2006), hal. 943-947.

Kaufman, J.G, Elwin L. Rooy. *Aluminum Alloy Casting Properties, Processes, and Applications*. American Foundry's Society. 2005

Lim Ying Pio, Shamsuddin Sulaiman, Abdel Majid Hamouda, “Grain Refinement of LM6 Al-Si Alloy Sand Castings to Enhance Mechanical Properties” *Journal of Materials Processing Technology*. 162–163 (2005) hal. 435–441

“Low Pressure Die Casting” diakses dari www.azom.com/details.asp?ArticleID=1392 pada tanggal 1 April 2008

Manash Dash, Makhlof Makhlof, “Effect of Key Alloying Elements on the Feeding Characteristics of Aluminum-Silicon Casting Alloys”, *Journals of Light Metals*, 2001, hal. 251-265

M Parapat, Thomas; skripsi “ Studi Pengaruh Penambahan 0015 wt. % Sr Terhadap Karakteristik Paduan AC4B Hasil *Low Pressure Die Casting*”. Universitas Indonesia. 2006

Shahrooz Nafisi , Reza Ghomashchi; “Grain Refining of Conventional and Semi-Solid A356 Al-Si Alloy” *Journal of Materials Processing Technology* 174 (2006) hal. 371–383

Torres, Ruben, dkk. “Characterisation of an Aluminium Engine Block” *Inderscience Enterprises*. 2006

William D. Callister, jr, *Material Science and Engineering* (Utah: John Wiley & son, inc, 1997)