

## DAFTAR PUSTAKA

- Ahmed, A.A., Mhaed, M., Basha, M., Wollmann, M., dan Wagner, L., 2015, The effect of shot peening parameters and hydroxyapatite coating on surface properties and corrosion behavior of medical grade AISI 316 L stainless steel, *Surface & Coating Technology*, Vol. 280, pp. 160-167.
- Amin, M.A., El-Bagoury, N., Saracoglu, M., Ramadan, M., 2014, Electrochemical and Corrosion Behavior of cast Re-containing Inconel 718 Alloys in Sulphuric Acid Solutions and the Effect of Cl<sup>-</sup>, *International Journal of Electrochemical Science*, 2014, Vol. 9, pp. 5352-5374.
- Anonim, 2010, Roughness Characterization, <http://engineeronadisk.com/V3/engineeronadisk-67.html>, online accessed on 31 Agustus 2017.
- Anonim, *Vickers Hardness Test*, <http://www.gordonengland.co.uk/hardness/vickers.htm> , online accessed on 11 September 2017.
- Arifvianto, B., Pohan, G.A., Suyitno, Mahardika, M., 2012, Effect of slag ball blasting treatment on surface structure, roughness and wettability of 316LVM stainless steel, *Procedia Engineering*, Vol. 50, pp. 142-151.
- Arifvianto, B., Suyitno, 2010, Surface roughness and wettability of AISI 316 L induced by surface mechanical attrition treatment with different milling ball diameter, *International Conference on Instrumentation, Communication, Information Technology, and Biomedical Engineering 2009*, pp. 1-4.
- ASM Metal Handbook, 1994, Volume 5, Surface Engineering
- Asy'ari, H., Budiman, A., 2009, Pengaruh Polutan Industri Terhadap Sifat elektrik dan Sifat Hidrofobik Bahan Isolasi Resin Epoksi Berpengisi Abu Sekam Padi dan Silicone Rubber, *Seminar Nasional Electrics, Informatics and It's Educations 2009*, pp. 7-10.
- Azar, V., Hashemi, B., Yazdi, M.R., 2010, The effect of shot peening on fatigue and corrosion behavior of 316 L stainless steel in Ringer's solution, *Surface & Coating Technology*, Vol. 204, pp. 3546-3551.

- Bagherifard, S., Hickey, D.J., Luca, A.C., Malheiro, V.N., Markaki, A.E., Guagliano, M., Webster, T.J., 2015, The influence of nanostructured features on bacterial adhesion and bone cell functions on severely shot peened 316L stainless steel, *Biomaterials*, Vol. 73, pp. 185-197.
- Bahri, A.S., 2016, Pengaruh Durasi dan Diameter Steel Ball pada Proses Shot Peening terhadap Sifat Fisis, Mekanis dan Pengaruh Media Korosif terhadap Ketahanan Korosi Material AISI 316 L, *Skripsi*, Fakultas Teknik Universitas Gadjah Mada, Yogyakarta.
- Brandes, E.A., Brook, G.B., 1992, *Smithells Metals Reference Book*, Seventh Edition, Butterworth-Heinemann, Oxford and Boston.
- Cahyandari, D., 2005, Karakteristik Mekanik Statis Baja UNS G10450 Yang Mengalami Proses Shot Peening, *Traksi*, Vol. 3, No. 2.
- Callister, W.D., 2000, *Fundamental of Materials Science and Engineering: An Interactive E-Text*, 5<sup>th</sup> ed., John Wiley & Sons, New Jersey.
- Chamberlain, J., 1991, *KOROSI, untuk Mahasiswa Sains dan Rekayasa*, PT Gramedia Pustaka Utama, Jakarta.
- Champaigne, J., 1993, *Shot Peening Process Variables*, Electronics Incorporated, Indiana, USA.
- Chen, F., Xu, W., Huang, S., Liu, J., Song, J., Lin, X., 2016, Plasma Hydrophilization of Superhydrophobic Surface and Its Aging Behavior: The Effect of Micro/nanostructured Surface, *Surface and Interface Analysis*, Vol. 48, pp. 368-372.
- Cho, K.T., Song, K., Oh, S.H., Lee, Y.K., Lim, K.M., Lee, W.B., 2012, Surface hardening of aluminum alloy with by shot peening treatment Zn based ball, *Materials Science and Engineering A*, Vol. 543, pp. 44-49.
- Davis, J.R., 2003, *Handbook of Materials for Medical Devices*, ASM International, Materials Park, USA.
- Deliormanli, A.S., Guden, M., 2006, Microhardness and fracture toughness of dental materials by indentation method, *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, Vol.76, pp. 257-264.
- Dwijayanto, P., 2016, Pengaruh Durasi dan Diameter Steel Ball pada Proses Shot Peening terhadap Sifat Fisis, Mekanis dan Pengaruh Media Korosif

terhadap Ketahanan Korosi Material AISI 304, *Skripsi*, Fakultas Teknik Universitas Gadjah Mada, Yogyakarta.

Gusrita, D., Ratnawulan, Gusnedi, 2014, Pengaruh Viskositas Fluida Terhadap Sifat Hydrophobic dari Berbagai Macam Daun, *Pillar of Physics*, Vol.1, pp. 09-16.

Hossain, A., Gafur, M.A., Gulshan, F., Kurny, A.S.W., 2015, Electrochemical investigation of the corrosion behavior of heat treated Al-6Si-0.5Mg-xCu (x=0, 0.5 and 1) alloys, *Journal of Electrochemical and Engineering*, Vol. 5, pp 1-8.

Jones, D.A., 1991, *Principle and Prevention of Corrosion*, Mc. Milan Publishing Company, New York

Lee, D., Cho, N., 2012, Assessment of surface profile data acquired by a stylus profilometer, *Measurement Science and Technology*, Vol. 23, pp. 105601.

Lippold, J.C., Kotecki, D.J., 2005, *Welding Metallurgy and Weldability of Stainless Steels*, John Wiley & Sons, New Jersey.

Majzoobi, G.H., Nemati, J., Novin Rozz A.J., Farrahi, G.H., 2009, Modification of Fretting Fatigue Behavior of AL7075-T6 Alloy by The Application of Titanium Coating using IBED Technique and Shot Peening, *Tribology International*, Vol. 42, pp. 121-129

Manatt, E., 2012, Materials selection, processing, and manufacturing for a design of an elbow joint replacement prototype, *Tesis dan Disertasi*, Material Science and Engineering, Iowa State University, Iowa.

McGuire, M., 2008, *Stainless steels for Design Engineers*, ASM International, Materials Park, USA.

Mulyaningsih, N., Iswanto, P.T., Soekrisno, 2012, Pengaruh Waktu Elektroplating Nikel-Chrom terhadap Kekerasan Baja Stainless Steel AISI 304, *Prosiding Seminar Nasional Aplikasi Sains dan Teknologi (SNAST) Periode III*, pp. 360-366

Muthukumar, V., Selladurai, V., Nandhakumar, S., Senthilkumar, M., 2010, Experimental investigation on corrosion and hardness of ion implanted AISI 316L stainless steel, *Materials and Design*, Vol. 31, pp. 2813-2817.

- Perren, S.M., Mathys, R., Pohler, O., (2000), *AO Principles of Fracture Management: Implants and Materials in Fracture Fixation*. New York: AO Publishing.
- Pignatello, R., 2011, *Biomaterials Science and Engineering*, InTech, Croatia.
- Rokicki, R., Hryniewicz, T. and Rokosz, K., 2008, *Modifying Metallic Implants with Magneto-electropolishing*, Med. Device Diagnost. Ind. 30, 102-111.
- Shaw, B., Kelly, R., 2006, What is Corrosion, *The Electrochemical Society Interface*, pp. 24-26.
- Shukla, P., Swanson, P., Page, C., 2014, Laser shock peening and mechanical shot peening processes applicable for the surface treatment of technical grade ceramics: A review, *Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture*, Vol. 228, pp. 639-652.
- Sulaiman, A., 2016, Pengaruh Variasi Sudut Penembakan Shot Peening terhadap Struktur Mikro, Kekerasan, Kekasaran Permukaan, dan Wettability pada Stainless Steel AISI-304, *Skripsi*, Fakultas Teknik Universitas Muhammadiyah Yogyakarta, Yogyakarta.
- Sunardi, 2014, Pengaruh Variasi Waktu Shot Peening dan Electroplating Ni-Cr terhadap Kekasaran Permukaan, Kekerasan dan Laju Korosi dalam Media SBF pada Stainless Steel 304, *Tesis*, Fakultas Teknik Universitas Gadjah Mada, Yogyakarta.
- Sunardi, Iswanto, P.T., dan Mudjijana, 2013, Pengaruh Waktu Shot Peening terhadap Kekerasan dan Kekasaran Permukaan Stainless Steel AISI 304, *Seminar Nasional ke 8 : Rekayasa Teknologi Industri dan Informasi Sekolah Tinggi Teknologi Nasional*, pp. 142-145.
- Sunardi, Iswanto, P.T., dan Mudjijana, 2015, Peningkatan Ketahanan Korosi Pada Material Biomedik Plat Penyambung Tulang SS 304 Dengan Gabungan Metode Shot peening dan Electroplating Ni-Cr, *Jurnal Ilmiah Semesta Teknika*, Vol. 18, No.2, pp. 160-167.
- Suyitno, Puntodewo, Salim, U.A., Hutama, A., 2012, Rekayasa Permukaan dengan Deformasi Dingin, Sandblasting dan Electropolishing pada Implan Ortopedi Dynamics Compression Plate (DCP), *Proceeding Seminar Nasional Tahunan Teknik Mesin XI dan Thermofluid IV*, Vol 01, No. 01, pp. 1709.

- Syahrudiyanto, 2016, Pengaruh Variasi Jarak Penembakan Shot Peening terhadap Struktur Mikro, Kekasaran Permukaan dan Kekerasan Material Biomedik Plat Penyambung Tulang Stainless Steel AISI-304, *Skripsi*, Fakultas Teknik Universitas Muhammadiyah Yogyakarta, Yogyakarta.
- Wong, J.Y., Bronzino, J.D., Peterson, R.D., 2013, *Biomaterials Principles and Practices*, CRC Press, Florida.
- Yuliwati, E., Desi, C., 2014, Pengaruh Hydrophilicity Membran ultrafiltrasi untuk Pengolahan Limbah Industri Kelapa Sawit, *Seminar Nasional Teknik Industri BKSTI 2014*, Vol. 9, pp. 1-5.
- Yuliwati, E., Ismail, A.F., 2011, Effect of additives concentration on the surface properties and performance of PVDF ultrafiltration membranes for refinery produced wastewater treatment, *Desalination*, Vol. 273, pp. 226-234.