



Daftar Pustaka

- Ahmed, A.A., Mhaede, M., Basha, M., Wollmann, M. and Wagner, L., 2015, *The Effect of Shot Peening Parameters and Hydroxyapatite Coating on Surface Properties and Corrosion Behavior of Medical Grade AISI 316L Stainless Steel*, *Surface and Coatings Technology*, 280, pp.347-358.
- Akyol, S., Akgun, M. Y., Yetmez, M., Hancı, M., Oktar, F. N., dan Ben-Nissan, B., 2020, *Comparative Analysis of NF- κ B in the MyD88-Mediated Pathway After Implantation of Titanium Alloy and Stainless steel and the Role of Regulatory T Cells*, *World Neurosurgery*, Vol. 144, pp. e138–e148.
- Andersen, P., J., 2020, *Stainless steel*, Biomaterials Science (Fourth Edition), pp. 249-255.
- Andrade, C., dan Martinez, I., 2010, *Techniques for Measuring the Corrosion Rate (Polarization Resistance) and The Corrosion Potential of Reinforced Concrete Structures*, Woodhead Publishing Limited: United Kingdom, pp. 284-316.
- Anshari, H., S., 2010, *Karakteristik Laju Perambatan Retak Fatik Bahan Komposit Berpenguat Serat Kenaf Dengan Matrik Polyester*, Skripsi, Fakultas Teknik Universitas Sebelas Maret, Surakarta.
- Arifvianto, B., Suyitno, Mahardika, M., Dewo, P., Iswanto, P., T., dan Salim, U., A., 2011, *Effect of Surface Mechanical Attrition Treatment (SMAT) on Microhardness, Surface Roughness and Wettability of AISI 316L*, *Materials Chemistry and Physics* 125, pp. 418-426.
- Arifvianto, B., Suyitno, and Mahardika, M., 2012, *Effects of Surface Mechanical Attrition Treatment (SMAT) on A Rough Surface of AISI 316L Stainless Steel*, *Applied Surface Science* 258, pp. 4538-4543.
- ASM Handbook Volume 8, 2000, *Mechanical Testing and Evaluation*, ASM International.
- ASM Handbook Volume 14, 1998, *Forming and Forging*, ASM International.



ASM Handbook Volume 19, 1998, *Fatigue and Fracture*, ASM International.

ASM Handbook Volume 23, 2012, *Materials for Medical Devices*, ASM International Handbook Committee, pp. 199-202.

ASTM A 240, 2005, *Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications*, American Society for Testing and Materials.

ASTM E 647-00, 1995, *Standard Test Method for Measurement of Fatigue Crack Growth Rates*, American Society for Testing and Materials.

Asri, R., I., M., Harun, W., S., W., Samykano, M., Lahc, N., A., C., Ghani, S., A., C., Tarlochand, F., dan Raza, M., R., 2017, *Corrosion and Surface Modification on Biocompatible Metals: A Review*, Materials Science and Engineering C, pp. 1-14.

American Standard Testing Materials A 240, 2005, *Standard Specification for Chromium and Chromium-Nickel Stainless steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications*, ASTM International.

Bagherifard, S., Slawik, S., Pariente, I., F., Pauly, C., Mucklich, F., dan Guaglino, M., 2016, *Nanoscale Surface Modification of AISI 316L Stainless steel by Severe Shot peening*, Materials and Design, Vol. 102, pp. 68-77.

Boving, K., G., 1987, *Non-destructive Examination Methods for Condition Monitoring Handbook*, Danish Technical Publishers, pp. 113.

Callister, W., D., dan Rethwisch, D., G., 2012, *Fundamentals of Materials Science and Engineering: An Integrated Approach 4th Edition*, Quad Graphics/Versailles: United States of America.

Cicek, S., Karaca, A., Torun, I., Onses, M., S., dan Uzer, B., 2019, *The Relationship of Surface Roughness and Wettability of 316L Stainless steel Implants with Plastic Deformation Mechanisms*, Materials Today: Proceedings, Vol. 7, pp. 389-393.

Cho, N., dan Lee, D., 2012, *Assessment of Surface Profile Data Acquired by A Stylus Profilometer*, Measurement Science and Technology, Vol. 23, pp. 1-14.



Cui, C., Duan, X., Collier, B., dan Poduska, M., K., 2018, *Fabrication and Wettability Analysis of Hydrophobic Stainless steel Surfaces With Microscale Structures From Nanosecond Laser Machining*, Journal of Micro and Nano Manufacturing, Vol. 6, pp. 0310061-0310068.

Champaigne, J., 2001, *Shot peening Overview*, Metal Improvement Company: United States of America.

Dwipayana, Widiyarta, I., M., dan Sucipta, M., 2018, *Kekerasan Baja Karbon Sedang dengan Variasi Suhu Permukaan Material*, Jurnal METTEK, Vol. 4, No. 2, pp. 43-38.

Eliaz, N., 2019, *Corrosion of Metallic Biomaterials: A Review*, Multidisciplinary Digital Publishing Institute, pp. 1-91.

Erbaryanti, E., 2011, *Pengamatan Perilaku Korosi Pipa Baja Api 5L Grade B Penyalur Minyak Mentah Dalam Lingkungan Air Formasi Berinhibitor*, Skripsi, Fakultas Teknik Universitas Indonesia, Depok.

Eva, P., 2018, *Fracture Toughness of Freestanding Metallic Thin Films Studied by Bulge Testing*, FAU University Press: Germany.

Gapsari, F., 2017, *Pengantar Korosi*, University of Brawijaya Press: Malang.

Ghasemi-Mobarakeh, L., Kolahreez, D., Ramakrishna, S., dan Williams, D., 2019, *Key Terminology in Biomaterials and Biocompatibility*, Current Opinion in Biomedical Engineering, Vol. 10, pp. 45–50.

Ginanjar, S., 2016, *Studi Ketahanan Korosi dan Kerentanan terhadap Pitting Corrosion Paduan Aluminium Hasil Pengerolan Dingin*, Skripsi, Fakultas Teknologi Industri Institut Teknologi Sepuluh Nopember: Surabaya.

Goharian, A., dan Abdullah, M., R., 2017, *Bioinert Metals (Stainless steel, Titanium, Cobalt Chromium)*, Biomechanical, Material, Biological, and Clinical Aspects, pp.116-121.



Gopi, R., Saravanan, I., Devaraju, A., dan Loganathan, G., B., 2019, *Investigation of Shot peening Process on Stainless steel and Its Effects for Tribological Applications*, Materials Today: Proceedings.

Gregorčič, P., Šetina-Batič, B., dan Hočevar, M., 2017, *Controlling The Stainless steel Surface Wettability by Nanosecond Direct Laser Texturing at High Fluences*, Springer-Verlag GmbH Germany, pp. 1-8.

Groover, M., P., 2013, *Fundamentals of Modern Manufacturing Materials, Processes, and Systems* 4th Edition, John Wiley and Sons Inc: United States of America.

Jayalakshmi, M., Huilgol, P., Bhat, B., R., dan Bhat, K., U., 2018, *Insights into Formation of Gradient Nanostructured (GNS) Layer and Deformation Induced Martensite in AISI 316 Stainless steel Subjected to Severe Shot peening*, Surface and Coatings Technologi, Vol. 344, pp. 295-302.

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

Hudecki, A., Kiryczyński, G., dan Łos, M., J., 2019, *Biomaterials, Definition, Overview, Stem Cells and Biomaterials for Regenerative Medicine*, pp. 85-98.

Iswanto, P., T., Akhyar, H., dan Faqihudin, A., 2018, *Effect of Shot peening on Microstructure, Hardness, and Corrosion Resistance of AISI 316L*, Journal of Achievements in Materials and Manufacturing Engineering, Vol. 89, pp. 19-26.

Iswanto, P., T., Maliwemu, E., U., K., Malau, V., Imaduddin, F., dan Sadida, H., M., 2020, *Surface Roughness, Hardness, and Fatigue-Corrosion Characteristic OF AISI 316L by Shot peening*, Croatian Metallurgical Society, pp. 183-186.

Kurgan, N., Sun, Y., Cicek, B., dan Ahlatci, H., 2012, *Production of 316L Stainless steel Implant Materials by Powder Metallurgy and Investigation of Their Wear Properties*, Chinese Science Bulletin, Vol. 57, pp. 1873-1878.

Kusakin, P., Belyakov, A., Haase, C., and Kaibyshev, R., 2014., *Microstructure Evolution and Strengthening Mechanisms of Fe-23Mn-0.3C-1.5 Al TWIP Steel During Cold rolling*, Journal of Materials Science & Engineering, 52-60



Maleki, E., Unal, O., Guaglino, M., dan Bagherifard, S., 2021, *Analysing the Fatigue Behaviour and Residual Stress Relaxation of Gradient Nano-Structured 316L Steel Subjected to the Shot peening via Deep Learning Approach*, Metals and Materials International, pp. 1-20.

Maliwemu, E., U., K., Malau, V., dan Iswanto, P., T., 2018, *Effect of Shot peening in Different Shot Distance and Shot Angle on Surface Morphology, Surface Roughness and Surface Hardness of 316L Biomaterial*, International Conference on Chemistry and Material Science, pp. 1-6.

Montmitonnet, P., Khalfalla, Y., E., dan Benyounis, K., Y., 2016, *Metal Working: Cold rolling*, Reference Module in Materials Science and Materials Engineering, pp. 1-8.

Mouritz, A., P., 2012, *Introduction to Aerospace Materials*, Woodhead Publishing Limited: United States of America.

Muruve, N. G. G., Cheng, Y. F., Feng, Y., Liu, T., Muruve, D. A., Hassett, D. J., dan Irvin, R. T., 2016, *Peptide-based Biocoatings for Corrosion Protection of Stainless-steel Biomaterial in a Chloride Solution*, Materials Science and Engineering: C, Vol. 68, pp. 695–700.

Nasar, A., 2019, *Hydroxyapatite and Its Coatings in Dental Implants*, Applications of Nanocomposite Materials in Dentistry, pp. 145-160.

Outokumpu, 2013, *Handbook of Stainless steel*, Avesta Research Centre, pp. 1-89.

Papavinasam, S., 2008, *Electrochemical Polarization Techniques for Corrosion Monitoring*, Woodhead Publishing Series, pp. 45-77.

Paul, S., dan Prashad, N., 2013, *Studies of Passivation, Repassivation and Metastable Pitting of 316L Stainless Implant in Bone Solution*, Research and Reviews in Electrochemistry, pp. 1-7.

Perez, N., 2004, *Fracture Mechanics*, Kluwer Academic Publishers: United State of America.



- Prihandoko, P., Saputra, Y., R., Sriani, T., Sunardi, dan Prihandana, G., S., 2016, *Effect of Time Variation on Shot peening Process to the Surface Properties of SS-316L Osteosynthesis Plate*, Applied Mechanics and Materials, Vol. 842, pp. 430-434.
- Rana, A., M., A., dan Majid., H., A., 2017, *Tribocorrosion*, Advances in Tribology, pp. 89-110.
- Roberge, P., R., 2000, *Handbook of Corrosion Engineering*, McGraw-Hill Education: United States of America.
- Roberge, P., R., 2019, *Handbook of Corrosion Engineering*, McGraw-Hill Education: United States of America.
- Sarvghad, M., Muránsky, O., Steinberg, T. A., Hester, J., Hill, M. R., dan Will, G., 2019, *On The Effect of Cold-rolling on The Corrosion of SS316L Alloy in A Molten Carbonate Salt*, Solar Energy Materials and Solar Cells, Vol. 202, pp. 110136.
- Sensoy, I., 2021, *A Review on The Food Digestion in The Digestive Tract and The Used in Vitro Models*, Current Research in Food Science, Vol. 4, pp. 308–319.
- Shackelford, J., F., 2015, *Introduction to Materials Science for Engineers 8th Edition*, Pearson Higher Education Inc: California.
- Simionescu, N., dan Benea, L., 2017, *Corrosion Behavior of 316l stainless steel as Biomaterial in Physiological Environment*, Material Science Nanotechnology, pp. 36.
- Singh, R., 2020, *Working with Metals*, Applied Welding Engineering (Third Edition), pp. 93-96.
- Suyitno, Arifvianto, B., Widodo, T., D., Mahardika, M., Dewo, P., dan Salim, U., A., 2012, *Effect of Cold Working and Sandblasting on The Microhardness, Tensile Strength and Corrosion Resistance of AISI 316L Stainless steel*, International Journal of Minerals Metallurgy and Materials, Vol. 19, No. 12, pp. 1093.
- Tanhaei, S., Gheisari, K., dan Zaree S., R., A., 2018, *Effect of Cold rolling on The Microstructural, Magnetic, Mechanical, and Corrosion Properties of AISI 316L*



Austenitic Stainless steel, International Journal of Minerals Metallurgy and Materials, Vol. 25, No. 6, pp. 630.

Tsuge, S., 2020, *Recent Advances in Stainless steel*, Nippon Steel *Stainless steel* Corporation, pp. 1-8

Yakin, R., I., Iswanto, P., T., dan Maliwemu, E., U., K., 2021, *Shot peening Effect on Surface Properties and Pitting Corrosion Resistance of Biomedical Structural Steel AISI 316L*, Croatian Metallurgical Society, pp. 249-252.