

DAFTAR PUSTAKA

- [1] BPS (Badan Pusat Statistik (www.bps.go.id)
- [2] Direktorat Jenderal Perhubungan Darat (Ditjen Hubdat). (2004). Cetak Biru Keselamatan Lalu Lintas dan Angkutan Jalan. Jakarta: Direktorat Lalu Lintas dan Angkutan Jalan, Direktorat Perhubungan Darat. (online) www.hubdat.web.id, diakses 15 Februari 2013.
- [3] Morita, T, K. Hatsuoka, T. Iizuka and K. Kawakami, Strengthening of Ti-6Al- 4V Alloy by Short-time Duplex Heat Treatment, Materials Transaction, Vol. 46, No. 7, pp. 1681-1686. (2005).
- [4] Tapany Udomphol, 2007, Titanium and its alloys. University of Technology Suranaree, India.
- [5] Lusiana, 2010, Analisis Laju Korosi Titanium, Laporan Tugas Akhir, Jurusan Teknik Mesin, Universitas Indonesia, Jakarta.
- [6] Okazakia Y, Gotoh E. Metal release from stainless steel, Co–Cr–Mo–Ni–Fe and Ni–Ti alloys in vascular implants. J Cor Sci. 2008; 50(12): 3429 – 3438.
- [7] Sasikumar S, Vijayaraghavan R. 2006. Low Temperature Syntesis of Nano crystalline Hydroksiapatite from Egg Shells by Combustion Method. Trens Biomater. Artif.Organs19(2):70-73
- [8] NAGAI, et al., Hydroxyapatite, ceramic material and process for preparing thereof, United States Patent No. 4,448,758, May 15, 1984.
- [9] Bronzino, J. D., 2006, Tissue Engineering and Artificial Organs, 3rd edition, CRC Press.
- [10] YUSON, P., DANGSHENG, X., AND XIAOLIN, C., Mechanical properties of nanohydroxyapatite reinforced poly(vinyl alcohol) gel composite as biomaterial, J. Mater Sci Vol. 42, p. 5129, 2007.
- [11] Margi Fitriawan. Sintesis Hidroksiapatit Berbahan Dasar Tulang Sapi Dengan Metoda Wet Process Sebagai Material Pengganti Graft Sintesis Hidroksiapatit. 2014. Universitas Negeri Semarang.
- [12] Marist, A. I. (2011). Pelapisan komposit hidroksiapatit-kitosan pada logam stainless steel 316 untuk meningkatkan ketahanan korosi. Institut Pertanian Bogor: Bogor.
- [13] ASM Handbook of Thermal Spray, ASM Interational (2004)
- [14] M. Sirdhar, U. Kamachi Mudali, M. Subbaiyan. 2003. Corrosion. Sci. 45 237-252.

- [15] Oktaviana, Dili. 2017. Pelapisan Hidroxyapatite Bilayer pada Titanium Paduan (Ti6Al4V-ELI)
- [16] Nanci A., 2005, Oral Histology Development Structure And Function, 6th edition, Mosby, Elsevier, New Delhi, p : 111-144
- [17] Suchanek, W, and Yoshimura, M. 1998. Processing and Properties of Hydroxyapatite-based Biomaterials for Use as Hard Tissue Replacements Implants, Journal of Materials Research,p.94-117.
- [18] Chen, Andrew L MD MS. 2008. Orthopedist. The Alpine Clinic, Littleton, NH.
- [19] www.Ahli bedah orthopedic.com
- [20] Mahabole MP, Bahir MM, Kalyankar NV, Khairnar RS. 2012. Effect of incubation in simulated body fluid on dielectric and photoluminescence properties of nano-hydroxyapatite ceramic doped with strontium ions. Journal of Biomedical Science and Engineering. 5(1): 396-405
- [21] Lutjering, G. and J. C. Williams, 2003, Titanium, (Springer-Verlag Berlin Heidelberg New York.
- [22] Latifa Kinani, 2003, Corrosion Inhibition of Titanium in Artificial Saliva Containing Fluoride, Faculty of Sciences and Technology. Beni Mellal. Morocco.
- [23] www.Ti6Al4V-ELI.com
- [24] Che Haron, C.H. & Jawaid, A. 2005. The effect of machining on surface integrity of titanium alloy Ti-6%Al-4%V. Journal of Materials Processing and Technology 166: 188-192.
- [25] Wahdah Panatul, W. S. Darjito. 2014. Sintesis Hidroksiapatit Dari Tulang Sapi Dengan Metode Basah Pengendapan. Kimia Student Journal. 1(1): 92-97.
- [26] HIDEKI A., Science and Medical Application of hydroxyapatite, JAAS, 1991.
- [27] Aoki, Hideki. 1991. Science and Medical Application of Hydroxyapatite. JAAS: Tokyo, Japan.
- [28] Sasikumar S, Vijayaraghavan R. 2006. Low Temperature Syntesis of Nano crystalline Hydroksiapatite from Egg Shells by Combustion Method. Trens Biomater. Artif.Organs19(2):70-73
- [29] Implan Tulang.tirto.id

- [30] Buckwalter, J. A., Einhorn, T.A., dan Simon S.R., 1992, Form and Function of Bone, Orthopaedic Basic Science Biology and Biomechanics of the Musculoskeletal System, 2nd Edition, New York, p : 323-397.
- [31] Nurdiana, Fahlefi. 2010. Simulasi dengan Metode Monte Carlo untuk Proses Pembuatan Nano Material Menggunakan Ball Mill. Fakultas MIPA Universitas Indonesia. Depok
- [32] Li, Bi., Jun X, Yang W, Bijun X. 2005. Structure characterization and its antiobesity of ball-milled konjac flour. College of Food Science and Technology, Huazhong Agricultural University. Wuhan 430070. China
- [33] Maburi E. 2009 Pelapisan Nano Komposit Hydroxyapatite/ Chitosan pada SS 316 L dan Ti-6-Al-4V Sebagai Material untuk Prostetik yang Biokompatibel, Murah, dan Kuat. Laporan Penelitian. Tangerang: Puslit Metalurgi LIPI.
- [34] Besra, L. & Liu, M., 2007. A review on fundamentals and applications of electrophoretic deposition (EPD). Progress in Materials Science, 52(1), pp.1-61.
- [35] Tang F, Uchikoshi T, Ozawa K, Sakka Y. 2002. Electrophoretic Deposition of Aqueous Nano- $\text{-Al}_2\text{O}_3$ Suspensions. Material Research Bulletin 37: 653-660.
- [36] Abdoli, H. et. al., 2011. Fabrication of Aluminum Nitride Coatings by Electrodeposition: Effect of Particle Size on Deposition and Drying Behavior. Ceramic International 37, pp. 313-319.
- [37] Van der Biest, Omer O, Vandeperre, Luc J., 1999. Electrophoretic Deposition of Material. Annual Review of Material Science. Proquest Agriculture Journal
- [38] Sakka, Yoshio and Tetsuo Uchikoshi, 2010. Forming and Microstructure Control of Ceramics by Electrophoretic Deposition (EPD). KONA Powder and Particle Journal No. 28. Hosokawa Powder Technology Foundation.
- [39] Stepless Speed Metallographic Grinding and Polishing Machine
- [40] Horinka, P.R., (1995), Powder Particle Size: Its Effects on Coating Line Performance, Morton International, Powder Coating.
- [41] Wang, S. dan Y. Zheng, (2014), Effect of Different Thickness h-BN Coatings on Interface Shear Strength of Quartz Fiber Reinforced Si-O-C-N Composite, Applied Surface Science, 292: 876-879.

- [42] Aminatun, Suhariningsih, Retna A. 2013. Sintesis Prosthesis Coated SilikonHidroksiapatit Melalui Metode Dip Coating. Laporan Akhir Penelitian Unggulan Perguruan Tinggi Tahun Anggaran 2013. Surabaya.
- [43] Abdullah, M. & Khairurrijal. (2010). Karakteristik Nanomaterial Teori, Penerapan dan Pengolahan Data. Bandung: Rezeki Putra.
- [44] Toibah Abdurrahim and Iis Sopyan, Recent Progress on the Development of Porous Bioactive Calcium Phosphate for Biomedical Applications, Bentham Science Publishers Ltd. Recent Patents on Biomedical Engineering 2008, 1, 213-229
- [45] Bambang Sunendar Purwasasmita dan Ramos Samuel Gultom, (2008), Sintesis dan Karakterisasi Serbuk Hidroksiapatit Skala Sub-Mikron Menggunakan Metode Presipitasi, Institut Teknologi Bandung, Bandung.
- [46] Sulistioso, G.S., Nurbainah, Wahyudi, S.T., Sitompul A. 2007. Pelapisan SS 316L dengan Hidroksiapatit Menggunakan Teknik Electrophoretic Deposition. Jurnal Sains Materi Indonesia. 50-55
- [47] FIRMAN, E., et.al., Pengaruh suhu reaksi terhadap derajat kristalinitas dan komposisi hidroksiapatit dibuat dengan media air dan cairan tubuh buatan, Jurnal Sains Materi Indonesia, p.154, Oktober 2006.
- [48] Suryadi. (2011). Sintesis Karakteristik Biomaterial Hidroksiapatit Proses Pengendapan Kimia Basah. Tesis. Program Studi Teknik Metalurgi dan Material, Fakultas Teknik, UI.

