

DAFTAR PUSTAKA

- [1] N. Rafiq Muhammad, H. Hasdiansah, and S. Sugianto, “Pengaruh Merk Filamen Pla Terhadap Kuat Tarik Spesimen Uji Astm D638 Type V,” *J. Inov. Teknol. Terap.*, vol. 1, no. 2, pp. 473–480, 2023, doi: 10.33504/jitt.v1i2.16.
- [2] R. A. R. C. Gopura, D. S. V Bandara, N. P. A. Gunasekera, V. H. Hapuarachchi, and B. S. Ariyaratna, “2023 9th International Conference on Control, Automation and Robotics, ICCAR 2023,” *2023 9th Int. Conf. Control. Autom. Robot. ICCAR 2023*, pp. 269–274, 2023.
- [3] N. Shanmuganathan, M. Uma Maheswari, V. Anandkumar, T. V. Padmanabhan, S. Swarup, and A. H. Jibrán, “Aesthetic finger prosthesis,” *J. Indian Prosthodont. Soc.*, vol. 11, no. 4, pp. 232–237, 2011, doi: 10.1007/s13191-011-0074-9.
- [4] M. Y. Lee *et al.*, “Functional improvement by body-powered 3D-printed prosthesis in patients with finger amputation: Two case reports,” *Med. (United States)*, vol. 101, no. 25, 2022, doi: 10.1097/MD.00000000000029182.
- [5] K. J. Young, J. E. Pierce, and J. M. Zuniga, “Assessment of body-powered 3D printed partial finger prostheses: a case study,” *3D Print. Med.*, vol. 5, no. 1, 2019, doi: 10.1186/s41205-019-0044-0.
- [6] W. Ryu, D. Kim, Y. Choi, and S. Lee, “Development of Prosthetic Finger with Actuator,” *2019 16th Int. Conf. Ubiquitous Robot. UR 2019*, pp. 313–318, 2019, doi: 10.1109/URAI.2019.8768698.
- [7] Y. Kamikawa and T. Maeno, “Underactuated five-finger prosthetic hand inspired by grasping force distribution of humans,” *2008 IEEE/RSJ Int. Conf. Intell. Robot. Syst. IROS*, pp. 717–722, 2008, doi: 10.1109/IROS.2008.4650628.
- [8] N. Mendes Lacerda, L. Pessoa Linhares Oliveira, C. Bruno Santos Vimieiro, and ufmgr Alexandre da Silva Scari, “Comparative Study Between 3D Printing Materials for Application in a Cestr Prosthesis,” no. January 2022, 2021.
- [9] E. Brancewicz-Steinmetz, R. D. V. Vergara, V. H. Buzalski, and J. Sawicki,

- “Study of the adhesion between TPU and PLA in multi-material 3D printing,” *J. Achiev. Mater. Manuf. Eng.*, vol. 115, no. 2, pp. 49–56, 2022, doi: 10.5604/01.3001.0016.2672.
- [10] A. Borrego, “Komposit Porous Material Berbahan Polylactic Acid (PLA),” vol. 10, no. 10, p. 6, 2021.
- [11] M. T. L and M. H. Bari, “Optimasi parameter proses pada 3d printing fdm terhadap kekuatan tarik filament pla food grade menggunakan Oleh ;,” 2021.
- [12] B. Pla, “Numerical Analysis of a Transtibial Prosthesis Socket Using,” 2023.
- [13] R. Srinivasan, W. Ruban, A. Deepanraj, R. Bhuvanesh, and T. Bhuvanesh, “Effect on infill density on mechanical properties of PETG part fabricated by fused deposition modelling,” *Mater. Today Proc.*, vol. 27, pp. 1838–1842, 2020, doi: 10.1016/j.matpr.2020.03.797.
- [14] E. I. Riza, C. Budiyanoro, and A. W. Nugroho, “Peningkatan Kekuatan Lentur Produk 3D Printing Berbahan Petg Dengan Optimasi Parameter Proses Menggunakan Metode Taguchi,” *Media Mesin Maj. Tek. Mesin*, vol. 21, no. 2, pp. 66–75, 2020, doi: 10.23917/mesin.v21i2.10856.
- [15] S. Petersmann *et al.*, “Mechanical properties of polymeric implant materials produced by extrusion-based additive manufacturing,” *J. Mech. Behav. Biomed. Mater.*, vol. 104, no. August 2019, p. 103611, 2020, doi: 10.1016/j.jmbbm.2019.103611.
- [16] J. Xiao and Y. Gao, “The manufacture of 3D printing of medical grade TPU,” *Prog. Addit. Manuf.*, vol. 2, no. 3, pp. 117–123, 2017, doi: 10.1007/s40964-017-0023-1.
- [17] R. Redy, H. Hasdiansah, and Z. Sirwansyah Suzen, “Optimasi Parameter Produk 3D Printing Terhadap Kuat Tarik Menggunakan Filamen TPU (Thermoplastic Polyurethane),” *J. Inov. Teknol. Terap.*, vol. 1, no. 2, pp. 312–317, 2023, doi: 10.33504/jitt.v1i2.19.
- [18] J. Domínguez-Robles *et al.*, “TPU-based antiplatelet cardiovascular prostheses prepared using fused deposition modelling,” *Mater. Des.*, vol. 220, 2022, doi: 10.1016/j.matdes.2022.110837.
- [19] S. Zakaria, R. Stighfarrinata, P. Studi, T. Industri, and U. Bojonegoro, “E - ISSN : 2746-0835 Volume 3 No 4 (2022) JUSTI (Jurnal Sistem Dan Teknik

- Industri) Optimasi parameter proses 3d printing terhadap kuat tarik e -issn : 2746-0835 Volume 3 No 4 (2022) JUSTI (Jurnal Sistem Dan Teknik Industri),” vol. 3, no. 4, pp. 538–545, 2022.
- [20] T. P. Soemardi, W. Kusumaningsih, and A. P. Irawan, “Karakteristik Mekanik Komposit Lamina Serat Rami Epoksi Sebagai Bahan Alternatif Soket Prostesis,” *MAKARA Technol. Ser.*, vol. 13, no. 2, pp. 96–101, 2010, doi: 10.7454/mst.v13i2.487.
- [21] Agustinus P. Irawan, Tresna P. Soemardi, Widjajalaksmi K. Widjajalaksmi K., and Agus H.S. Reksoprodjo, “Komposit Laminat Rami Epoksi Sebagai Bahan Alternatif Socket Prosthesis,” *J. Tek. Mesin*, vol. 11, no. 1, pp. 41–45, 2009,[Online].Available:<http://puslit2.petra.ac.id/ejournal/index.php/mes/article/view/17883>
- [22] J. Ady and T. Saktiani, “Optimalisasi Sifat Mekanik Paduan Kobalt Sebagai Implan Tulang,” 2020.
- [23] J. Energi, D. A. N. Teknologi, M. Jetm, S. H. Susilo, E. Yudiyanto, and A. Setiawan, “Evaluasi Kekuatan Tarik Printer 3D dengan Variasi Suhu dan Ketebalan Layer pada Material PLA berdasarkan Standar ASTM D-638,” vol. 06, no. 01, pp. 10–15, 2023.
- [24] D. S. Paksi, H. Batubara, and Y. E. Prawatya, “Optimalisasi kekuatan tarik produk drone propellers berbahan material filament petg pada proses 3d printing fdm dengan metode response surface methodology (rsm),” vol. 7, no. 2, pp. 75–84, 2023.
- [25] C. E. Goestiandi, P. Studi, T. Mesin, U. Katolik, I. Atma, and J. R. Cisauk, “Objek Material Thermoplastic Polyurethane Menggunakan Fused Deposition Modeling Additive,” *Cylinder*, vol. 06, no. 1, pp. 12–14, 2020.
- [26] T. Uchida, M. Nitta, and S. Kanashima, “Synthesis and light-induced surface potential observation of retinal prosthesis using polyethylene thin films immobilized with photoelectric dyes,” *J. Photopolym. Sci. Technol.*, vol. 28, no. 2, pp. 261–267, 2015, doi: 10.2494/photopolymer.28.261.
- [27] B. A. B. Ii and T. Pustaka, “Adalah Gaya Adhesi Per Satuan Luas, □,” pp. 5–31, 1999.