DAFTAR PUSTAKA

ASTM International. (2022). Standard test method for tensile properties of plastics (ASTM Standard No. D638-22.

A. C. Abbott, G. P. Tandon, R. L. Bradford, H. Koerner, and J. W. Baur (2020), "Process-structure-property effects on ABS bond strength in fused filament fabrication," Additive Manufacturing, vol. 19, pp. 29–38, 2018. DOI: 10.1016/j.addma.2017.11.002.

Anggoro, N. T., Nugroho, E., dan Asroni, A. (2021). Analisa alat uji tarik buatan lokal dengan variasi bahan teknik terhadap kekuatan hasil pengujian. *ARMATUR: Artikel Teknik Mesin dan Manufaktur*, *Vol.2*(1), No.47-51. https://scholar.ummetro.ac.id/index.php/armatur/article/view/743

Arockiam, A. J., Subramanian, K., Padmanabhan, R. G., Selvaraj, R., Bagal, D. K., dan Rajesh, S. (2021). A review on PLA with different fillers used as a *Filamen* in 3D printing. *Materials Today: Proceedings*, *50*(October), 2057–2064. https://doi.org/10.1016/j.matpr.2021.09.413

Bist, A., Dobriyal, R., Gwalwanshi, M., dan Avikal, S. (2022). Influence of Layer Height and Print Speed on the Mechanical Properties of 3D-Printed ABS. *AIP Conference Proceedings*, *2481* (November).

Bukhari, S. B. H., Tanveer, T., Abid, A., dan Anwar, S. (2023). Design and Fabrication of Inexpensive Portable Polar 3D Printer. *2023 International Conference on Robotics and Automation in Industry, ICRAI 2023*, *April*.

Callister, W. D., Jr., & Rethwisch, D. G. (2020). Materials Science and Engineering: An Introduction (10th ed.). John Wiley & Sons.

Carlino, C. (2018). *Open-Source Workflow for the Use of 3D Printing in Dentistry*. *October 2018*, 96. https://doi.org/10.13140/RG.2.2.24409.36963/1

Fernandez-Vicente, M., Calle, W., Ferrandiz, S., dan Conejero, A. (2016). Effect of Infill Parameters on Tensile Mechanical Behavior in Desktop 3D Printing.

3D Printing and Additive Manufacturing, *3*(3), 183–192. https://doi.org/10.1089/3dp.2015.0036

Finali, A., Hanafi, A. F., dan U, R. E. P. (2021). *Analisis Variasi Pattern 3D Printing terhadap Kekuatan Tarik Analysis of 3D Printing Pattern Variation on Tensile Strength*. *5*(1), 16–19.

Gilar Pandu Annanto, Imam Syafa'at, I. N. A. (2021). *Pengaruh Infill Pattern Terhadap Kekuatan Hasil Cetakan 3d Printing Berbahan Poly-Lactic Acid*. *17*(2), 103–107.

Hamrol, A., Góralski, B., & Wichniarek, R. (2024). The influence of moisture absorption and desorption by the ABS Filamen on the properties of additively manufactured parts using the fused deposition modeling method. Materials, 17(9), 1988. https://doi.org/10.3390/ma17091988

Montgomery, D. C. (2019). Design and Analysis of Experiments (10th ed.). John Wiley & Sons.

Mohd Pu'ad, N. A. S., Abdul Haq, R. H., Mohd Noh, H., Abdullah, H. Z., Idris, M. I., & Lee, T. C. (2020). Review on the fabrication of fused deposition modelling (FDM) composite Filamen for biomedical applications. Materials Today: Proceedings, 29(1), 228–232.

Nugraha, H. D., dan Kosasih, D. P. (2021). Perancangan Mesin 3D Printing Model Cartesian. *Jurnal Teknik Mesin ITI*, *5*(1), 29. https://doi.org/10.31543/jtm.v5i1.557

Olivera, S., Muralidhara, H. B., Venkatesh, K., Gopalakrishna, K., dan Vivek, C. S. (2016). Plating on acrylonitrile–butadiene–styrene (ABS) plastic: a review. *Journal of Materials Science*, *51*(8), 3657–3674. https://doi.org/10.1007/s10853-015-9668-7

Pratama, W. H., Hasdiansyah, dan Husman. (2021). *View of Optimasi Parameter Proses 3D Printing Terhadap Kuat Tarik Material FilamenPLA + Menggunakan Metode Taguchi.pdf*.

Riski Darmawan, Nurida Finahari, Akhmad Farid, L. H. W. (2024). *Analisis Pengaruh Variasi Infill Pattern terhadap Kekuatan Tarik pada FilamenPolyethylen Therepthalate Glycol Hasil 3D Printer*. *15*(2), 6–10.

Rizki, M. N., Putra, R., dan Durmuş, A. (2025). *Identifying key parameters affecting the mechanical properties of 3D-printed ABS materials*. *23*(5), 657–663.

Shergill, K., Chen, Y., & Bull, S. (2023). An investigation into the layer thickness effect on the mechanical properties of additively manufactured polymers: PLA and ABS. The International Journal of Advanced Manufacturing Technology, *126*(9), 4041–4055. https://doi.org/10.1007/s00170-023-11270-y

Soejanto, I. (2009). Desain eksperimen dengan metode Taguchi. Graha Ilmu.

Souisa, M. (2011). Analisis Modulus Elastisitas Dan Angka Poisson Bahan Dengan Uji Tarik. *66*(July), 37–39.

Tanoto, Y. Y., Filbert, V., Febrian, R., dan Adriel, N. (2022). *Optimasi Multirespon pada Proses 3D Printing Material ABS dengan Metode Taguchi-PCR Topsis*. *43*(2), 147–157. https://doi.org/10.14710/teknik.v43i2.43301

Zakaria, S., Stighfarrinata, R., dan Maghfiroh, A. M. (2023). Optimasi Parameter Proses 3D Printing Terhadap Kuat Tarik *Filamen* Petg Menggunakan Metode Taguchi. *JUSTI (Jurnal Sistem Dan Teknik Industri)*, *3*(4), 538. https://doi.org/10.30587/justicb.v3i4.6150

Zariatin, D. L., Kurniawan, R. M., dan Ikhsan, N. (2021). Pengembangan alat uji tarik dengan beban maksimal 2 kN. *Dinamika Teknik Mesin*, *11*(2), 96. https://doi.org/10.29303/dtm.v11i2.371

Zhuk, Y., dan Klotchko, T. (2024). Comparison of 3D-Printed Parts' Quality Using Printers With "Corexy" and "Delta" Kinematics. *Bulletin of Kyiv Polytechnic Institute. Series Instrument Making*, *68*(68(2)), 50–55. https://doi.org/10.20535/1970.68(2).2024.318630