

## DAFTAR PUSTAKA

- Angelopoulos, P. M., Kenanakis, G., Viskadourakis, Z., Tsakiridis, P., Vasilopoulos, K. C., Karakassides, M. A., & Taxiarchou, M. (2021). Manufacturing of ABS or Expanded Perlite Filament for 3D Printing of Lightweight Components Through Fused Deposition Modeling. *Materials Today: Proceedings*, 54, 14–21.  
<https://doi.org/10.1016/j.matpr.2021.06.351>
- Ardiyanto, D., Akhmadi, A. N., & Qurohman, M. T. (2021). *Uji Pengaruh Kecepatan dan Perbedaan Suhu Antara Filament PLA dengan Filament PETG pada 3D Printer Ender - 5Pro*.
- Belu, H. N., Pell, Y. M., Jasron, J. U., Jurusan, ), & Mesin, T. (2016). *Analisa Kekuatan Tarik dan Bending pada Komposit Widuri-Polyester*.  
<http://ejournal-fst-unc.com/index.php/LJTMU>
- Delfian Prihadianto, B., Darmo, S., & Krisnaputra, R. (2022). Pengaruh Pengaturan Fill Density terhadap Sifat Mekanis Polylactic Acid Hasil Teknologi Fused Deposition Modelling. In *Jurnal Teknologi Terpadu* (Vol. 1).
- Durgashyam, K., Indra Reddy, M., Balakrishna, A., & Satyanarayana, K. (2019). Experimental investigation on mechanical properties of PETG material processed by fused deposition modeling method. *Materials Today: Proceedings*, 18, 2052–2059. <https://doi.org/10.1016/j.matpr.2019.06.082>
- Fatkhurrohman, F., Ismail, I., & Yudhanto, F. (2022). Analisis Kekuatan Bending Komposit Lamina Serat Ijuk Anyam dan Serat Ijuk Acak bermatriks Polyester. *Quantum Teknika: Jurnal Teknik Mesin Terapan*, 4(1), 55–61.  
<https://doi.org/10.18196/jqt.v4i1.16593>
- Gokhare, V. G., Raut, D. N., & Shinde, D. K. (2017). *A Review paper on 3D-Printing Aspects and Various Processes Used in the 3D-Printing*.  
[www.ijert.org](http://www.ijert.org)

- Günaydın, K., & Süleyman Türkmen, H. (2018). *Common FDM 3D Printing Defects*. <https://www.researchgate.net/publication/326146283>
- Hernandez, R., Slaughter, D., Whaley, D., Tate, J., & Asiabanpour, B. (2016). *Analyzing The Tensile, Compressive, and Flexural Properties of 3D Printed ABS P430 Plastic Based on Printing Orientation Using Fused Deposition Modeling*.
- Irnawan, D., & Karomah, B. (2019). Pengaruh Mesh (Ukuran Serbuk) Terhadap Sifat Mekanik Komposit Limbah Cangkang Telur Sebagai Alternatif Panel Dinding Hiasan. In *Indonusa Conference on Technology and Social Science*. Politeknik Indonusa Surakarta.
- Kumbhar, N. N., & Mulay, A. V. (2016). *Finishing of Fused Deposition Modelling (FDM) Printed Parts by CO 2 Laser*.
- Lopez, D. M. B., & Ahmad, R. (2020). Tensile Mechanical Behaviour of Multi-Polymer Sandwich Structures via Fused Deposition Modelling. *Polymers*, 12(3). <https://doi.org/10.3390/polym12030651>
- Lubis, S., Djamil, S., & Yolanda, Y. (2016). Pengaruh Orientasi Objek Pada Proses 3D Printing Bahan Polymer PLA dan ABS Terhadap Kekuatan Tarik dan Ketelitian Dimensi Produk. *SINERGI*, 20(1), 27. <https://doi.org/10.22441/sinergi.2016.1.005>
- Mujiarto, I. (2005). *Sifat dan Karakteristik Material Plastik dan Bahan Aditif*.
- Nurfaedah, D., & Prasetya, F. (2021). *Optimalisasi Kekuatan Bending Hasil 3D Printing Menggunakan Metode Response Surface pada Filamen PLA (Polylactic Acid) (Vol. 3, Issue3)*.
- Nurhadi, D., Purwanto Helmy, & Dzulfikar, M. (2020). *Pengaruh Suhu Injection Moulding terhadap Minimalisasi Sink Marks pada Material Limbah Plastik Acrylonitrile Butadiene Styrene (ABS)*.
- Potter, H. V. (1935). *Modern Plastics*.

- Prayoga, H. I., & Puspitasari, E. (2021). *Pengaruh Parameter Produk Printer 3D Terhadap Penyusutan Dimensi dan Kekuatan Pukul* (Vol. 01).
- Rutkowski, J. V, & Levin', B. C. (1986). Acrylonitrile-Butadiene-Styrene Copolymers (ABS): Pyrolysis and Combustion Products and their Toxicity-A Review of the Literature. In *Fire and Materials* (Vol. 10).
- Setyawan, B. A., & Ngadiyono, Y. (2022). *Analisis Pengaruh Tingkat Kelembapan Filamen PLA Terhadap Nilai Kekuatan Mekanik Hasil Cetak 3D Printing*. <https://journal.uny.ac.id/index.php/dynamika/issue/view/2267>
- Widiyanto, W., & Setyani, T. I. (2019). Pengaruh Arah Cetakan 3D Printing Tipe FDM Bahan Polymer ABS Terhadap Tensile Strength Produk yang Dihasilkan. In *Media Mesin : Jurnal Ilmiah Teknik Mesin* (Vol. 21, Issue 1).
- Yuan, L. (2008). *A Preliminary Research on Development of A Fiber-Composite, Curved FDM System*.
- Tuğçe, Ergül., Ayşegül, Güleç., Merve, Göymen (2023, Juni 22). *The Use of 3D Printers in Orthodontics - A Narrative Review*. [ncb.nlm.nih.gov. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10318848/](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10318848/)
- Nickell, S., Vainiomaki, J., & Wadhvani, S. (1994). *Wages and Product Market Power*. *Economica*, 61(244), 457
- Bughin.,J (1996). *Trade Unions and Firms' Product Market Power*. *The Journal of Industrial Economics*, . 44 (3), pp. 289-307
- Taufik, I., Budiono, H. S., Herianto., Andriyansyah, D. Pengaruh Printing Speed terhadap Tingkat Kekasaran Permukaan Hasil Additive Manufacturing dengan Polylactic Acid Filament. *Journal of Mechanical Engineering*, v. 4, n. 2, pp 15-20, Sep 2020
- V. G. Surange and P. V. Gharat, "Using Fused Deposition Modelling (FDM)," *International Research Journal of Engineering and Technology (IRJET)*, pp. 1403-1406,2016.
- Shah, Vishu. 1998. *Handbook of Plastics Testing 2nd Edition*. USA : John Wiley & Sons Inc.

- Smithy CNC, <http://server2.smithy.com/media/pdf/G-codes%20Program%20Guide.pdf> (accessed on 22 January 2024).
- O'Neill, Benedict. (2023, September 28). *Strongest 3D Printer Filament: Choosing Between PC, Nylon, TPU, and Others*. Wevolver. <https://www.wevolver.com/article/strongest-3d-printer-filaments-choosing-between-pc-nylon-tpu-and-others>
- CNC Kitchen. (2021, Agustus 7). *Learn G-Code for 3D Printing* [Video]. YouTube. <https://youtu.be/2TByiMNduss?si=5tMknf3OTAbWdeB6>
- Rianto Ari., Soeparman, S., Sugiarto. (2011). Karakterisasi Kekuatan Bending dan Hidrofobitas Komposit Serat Kulit Waru (*Hibiscus tiliaceus*) Kontinyu Bermatrik Pati Ubi Kayu. In *Jurnal Rekayasa Mesin* (Vol. 2).
- Cahyono, Gunawan, R., Iberahim, J., Ansyah, Pathur, R., Wibowo, S, H. (2022). Pengaruh Print Speed Extruder dan Height Layer terhadap Kekuatan Tekan dan Foto Makro pada Hasil 3D Printing. In *Buletin Profesi Insinyur*, 5(1), 009–014. <http://dx.doi.org/10.20527/bpi.v5i1.134>
- Berthelot, J.M. 1999. *Composite Materials, Mechanical Behaviour and Structural Analysis*. Springer-Verlag, New York
- Archak, N., Ghose, A., & Ipeirotis, P. G. (2011). Deriving the Pricing Power of Product Features by Mining Consumer Reviews. *Management Science*, 57 (8), 1485-1509
- Datta, S., Datta, M.I & Singh, V. (2013). Product market power, industry structure, and corporate earnings management. *Journal of Banking & Finance*, 2013, vol. 37, issue 8, pp. 3273-328
- Lopez, David, M, B., dan Ahmad, R. (2020). *Tensile Mechanical Behaviour of Multi-Polymer Sandwich Structures via Fused Deposition Modelling*
- International Organization for Standardization. (1998). ISO 14125. *International Standard, Fibre-reinforced Plastic Composites Determination of Flexural Properties*.