

DAFTAR PUSTAKA

- AMFG. 2019. *AM Around the World: How Mature is 3D Printing in the Asia-Pacific Region? In Amfg (Issue November 2019)*.
<https://amfg.ai/2019/11/20/am-around-the-world-how-mature-is-3d-printing-in-the-asia-pacific-region>. Diakses 16 September 2020.
- Arifianto. 2008. Analisis Karakteristik Termal Pada Kabel Berisolasi dan Berselubung PVC Tegangan Pengenal 300/500 Volt. [skripsi]. Depok: Fakultas Teknik, Universitas Indonesia.
- ASTM International. 2014. *ASTM D638-14: Standard Test Method for Tensile Properties of Plastics*.
- Askeland, D. R. 1985. *The Science and Engineering of Material*. Ed Alternatif. Boston: PWS Engineering.
- Budiono, H.S. 2015. Pengujian Kuat Tarik Terhadap Produk Hasil 3D Printing Dengan Variasi Ketebalan Layer 0.2 mm dan 0.3 mm yang Menggunakan Bahan ABS (*Acrylonitrile Butadiene Styrene*). [skripsi]. Surakarta: Fakultas Teknik, Universitas Muhammadiyah Surakarta.
- Carneiro, O.S., Silva, A.F., & Gomes, R. 2015. Fused deposition modeling with polypropylene. *Materials and Design Journal*, 83:768-776.
- Chua, C.K., Leong, K.F., & Lin, C.S. 2003. *Rapid Prototyping Principles and Applications*. Ed ke-2. Singapura: World Scientific Publish Co. Pte. Ltd.
- Divyathej, M. V., Varun, M., & Rajeev, P. 2016. Analysis of mechanical behavior of 3D printed. *International Journal of Scientific & Engineering Research*, 7:116-124.

Dwiyati, S.T., Kholil, A., Riyadi, R., & Putra, S.E. 2019. Influence of layer thickness and 3D printing direction on tensile properties of ABS material. *Journal of Physics: Conference Series*, 1402(6):066014.

Giang, K. *PLA vs. ABS: What's the Difference?*.
<https://www.3dhubs.com/knowledge-base/pla-vs-abs-whats-difference>.
Diakses 17 September 2020.

Gouldsen, C., & Blake, P. 1998. *Investment Casting Using FDM/ABS Rapid Prototype Patterns*. Rapid ToolworX Stratasys Inc.

Hager, I., Golonka, A., & Putanowicz, R. 2016. 3D printing of buildings and building components as the future of sustainable construction?. *Procedia Engineering*, 151:292–299.

Jon, E. 2013. The rise of additive manufacturing. *The Engineer*.

Kholil, A. 2008. Pengembangan *Laser Trajectory* Proses *Rapid Prototyping* Untuk Produk Berkontur dan Perismatik. [tesis]. Depok: Fakultas Teknik, Universitas Indonesia.

Kristianto, L. 2018. Pengaruh Persentase Serat *Fiberglass* Terhadap Kekuatan Tarik Komposit Matriks Polimer *Polyester*. [skripsi]. Yogyakarta: Fakultas Sains Dan Teknologi, Universitas Sanata Dharma.

Locker, A. 2016. *ABS Filament for 3D Printing - All You Need to Know*.
<https://www.all3dp.com/abs-3d-printer-filament-explained>. Diakses 17 Juli 2020.

Lubis, S. & Sutanto, D. 2014. Pengaturan orientasi posisi objek pada proses rapid prototyping menggunakan 3D printer terhadap waktu proses dan kualitas produk. *Jurnal Teknik Mesin*, 15:27-34.

- More, M. P. 2013. 3D printing making the digital real. *International Journal of Engineering Science & Research Technology*, 2(7):1822-1825.
- Pambudi, A.I. 2017. Analisis Pengaruh Internal Geometri Terhadap Sifat Mekanik Material *Polylactic Acid* (PLA) Dipreparasi Menggunakan 3D *Printing*. [skripsi]. Surabaya: Fakultas Teknik, Institut Teknologi Sepuluh Nopember Surabaya.
- Rankouhi, B., Javadpour, S., Delfanian, F., & Letcher, T. 2016. Failure analysis and mechanical characterization of 3D printed ABS with respect to layer thickness and orientation. *Journal of Failure Analysis and Prevention*, <https://doi.org/10.1007/s11668-016-0113-2>.
- Shubham, P., Sikidar, A., & Chand, T. 2016. The influence of layer thickness on mechanical properties of the 3D printed ABS polymer by fused deposition modeling. *Key Engineering Materials*, 706(September), 63–67.
- Sumantri, D. 2012. Peningkatan Kinerja Mesin *Rapid Prototyping* Berbasis *Fused*. [skripsi]. Depok: Universitas Indonesia.
- Van Vlack, L. H. 1994. *Ilmu dan Teknologi Bahan*. Ed ke-5. Terjemahan oleh Japrie, S. Jakarta: Erlangga.
- Weng, Z., Wang, J., Senthil, T., & Wu, L. 2016. Mechanical and thermal properties of ABS/montmorillonite nanocomposites for fused deposition modeling 3D printing. *Materials and Design*, 102:276-283.