

REFERENCE

- ASTM-D638-14. 2014. Standard Test Method for Tensile Properties of Plastics. ASTM Standards.
- Blok, L. G., Longana, M. L., Yu, H., Woods, B.K.S. 2018. An investigation into 3D printing of fibre reinforced thermoplastic composites. *Additive Manufacturing*; 22: 176-186.
- Hohimer, C., Christ, J., Aliheidari, N., Mo, C., and Ameli A. 2017. 3D printed thermoplastic polyurethane with isotropic material properties. *Behavior and Mechanics of Multifunctional Materials and Composites 2017*; SPIE Vol. 10165 1016511-1. <https://doi.org/10.1117/12.2259810>
- Liu, W., Zhou, J., Ma, Y., Wang, J., Xu, J. 2017. Fabrication of PLA Filaments and its Printable Performance. *IOP Conf. Series: Materials Science and Engineering* 275. <https://doi.org/10.1088/1757-899X/275/1/012033>
- Mi, H. Y., Salick, M. R., Jing, X., Jacques, B. R., Crone, W. C., Peng, X. F., & Turng, L. S. 2013. Characterization of Thermoplastic Polyurethane/Polylactic Acid (TPU/PLA) Tissue Engineering Scaffolds Fabricated by Microcellular Injection Molding. *Materials Science and Engineering* C; 33(8): 4767–4776. <https://doi.org/10.1016/j.msec.2013.07.037>
- Ngoa, T. D., Kashania, A., Imbalzano, Gabriele, Nguyena, K.T.Q., Hui, D. 2018. Additive Manufacturing (3D printing): A Review of Materials, Methods, Applications and Challenges; *Composites Part B*, Vol. 143, pp. 172-196.
- Plackett, D., and Vázquez, A. 2004. Natural Polymer Sources. *Green Composites* : 123-153. <https://doi.org/10.1016/C2013-0-17863-4>
- Tao, Y., Shao, J., Lil, P., Shi, S. Q. 2018. Application of a Thermoplastic Polyurethane/Polylactic Acid Composite Filament for 3d-Printed Personalized Orthosis. *Materiali in tehnologije / Materials and technology* 53 (2019) 1: 71–76.
- Behzadnasab, M., Yousefi, A. A., Ebrahimibagha, D., and Nasiri, F. 2019. Effects of processing conditions on mechanical properties of PLA printed parts. *Rapid Prototyping Journal*; 26 (2): 381–389.
- Wong, K.V., Hernandez, A. 2012. A Review of Additive Manufacturing, *International Scholarly Research Network*; Vol. 2012, ID. 208760, pp. 1-10.

- Jaso, V., Rodic, M. V., Petrovic, Z. S. 2014. Biocompatible fibers from thermoplastic polyurethane reinforced with polylactic acid microfibers. *European Polymer Journal*; 63 (2015) 20–28.
- Farah, S., Anderson, D. A., Langer, R. 2016. Physical and mechanical properties of PLA, and their functions in widespread applications — A comprehensive review. *Advanced Drug Delivery Reviews* 107; (2016) 367–392
- Iman, T. N. 2019. Studi Pengaruh Suhu Ekstrusi Dan Orientasi Raster Terhadap Sifat Mekanis Thermoplastic Polyurethane (TPU) Dengan Proses Fused Deposition Modelling (FDM) Untuk Aplikasi Total Disk Replacement (TDR). Universitas Gadjah Mada
- Singh, J. P. Verma, S. 2017. Raw materials for terry fabrics. *Woven Terry Fabrics*. 2017, Pages 19-28.
- Callister, W.D. 2014. *Materials Science and Engineering: An Introduction*, J. Wiley, New York,
- Fillamentum. 2019. Datasheet Flexfill TPU 98A
- Fillamentum. 2019. PLA Extrafill
- Hunstman. 2019. *A Guide to Thermoplastic Polyurethanes (TPU)*