

References

- [1] ASTM. ASTM F2792–10 standard terminology for additive manufacturing technologies
- [2] Novakova-Marcincinova, L. and Kuric, I., “Basic and advanced materials for fused deposition modeling rapid prototyping technology,” *Journal of Manufacturing and Industrial Engineering*, Vol. 11, No. 1, pp. 24-27, 2012.
- [3] Crump, S.S., “Fused Deposition Modeling (FDM®): Putting rapid back into prototyping,” *Proceedings of the Second International Conference on Rapid Prototyping*, Dayton, OH, pp. 354-357, 1991.
- [4] Sood, A.K., Ohdar, R.K., and Mahapatra, S.S., “Experimental investigation and empirical modeling of FDM process for compressive strength improvement,” *Journal of Advanced Research*, Vol. 3, pp. 81–90, 2012.
- [5] Iyibilgin, O., Yigit, C., and Leu, M.C., “Experimental investigation of different cellular lattice structures manufactured by fused deposition modeling,” *Proceedings of Solid Freeform Fabrication Symposium*, Austin, TX, 2013, pp. 895-907, 2012.
- [6] Montero, M., Roundy, S., Odell, D., Ahn, S.H., and Wright, P.K., “Material characterization of fused deposition modeling (FDM) ABS by designed experiments,” *Proceedings of Rapid Prototyping and Manufacturing Conference*, SME, 2001.
- [7] Lee, C.S., Kim, S.G., Kim, H. J., and Ahn, S.H., “Measurement of anisotropic compressive strength of rapid prototyping parts,” *Journal of Materials Processing Technology*, Vol. 187, pp. 627-630, 2007.
- [8] Levasseur, A., Ploeg, H.L., and Petit, Y., “Comparison of the influences of structural characteristics on bulk mechanical behavior: experimental study using a bone surrogate,” *Journal of Medical and Biological Engineering and Computing*, Vol. 50, No. 1, pp. 61-67, 2012.
- [9] FDM materials: <http://www.funtech.com/FDM-Materials>, 2014.
- [10] Stratasys: http://www.fortus.com/Products/~/_media/Fortus/Files/PDFs/MS-ABS-M30-FORTUS.ashx, 2014.
- [11] Guo, N. and Leu, M.C., “Additive manufacturing technology, applications and research needs,” *Journal of Frontiers of Mechanical Engineering*, Vol. 8, No. 3, pp. 215-243, 2013.