



SAM

SECTOR SKILLS STRATEGY
IN ADDITIVE MANUFACTURING

Common Materials Used for 3D Printing

Project No. 601217-EPP-1-2018-1-BE-EPPKA2-SSA-B



What materials can be used for 3D printing ?

Materials used for 3D printing

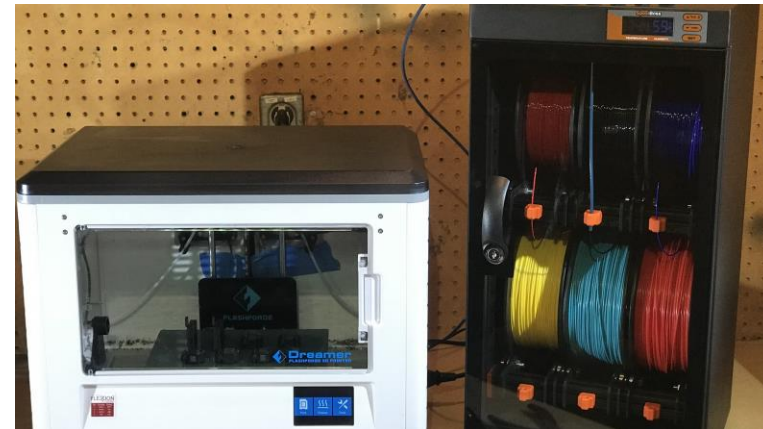
- ✓ Plastics – most common and available in different colours
- ✓ These materials become **flexible** when **heated**, then **solid** afterwards



Source: 3D Printing for beginners (2013)



Source: 3DJake (2020)



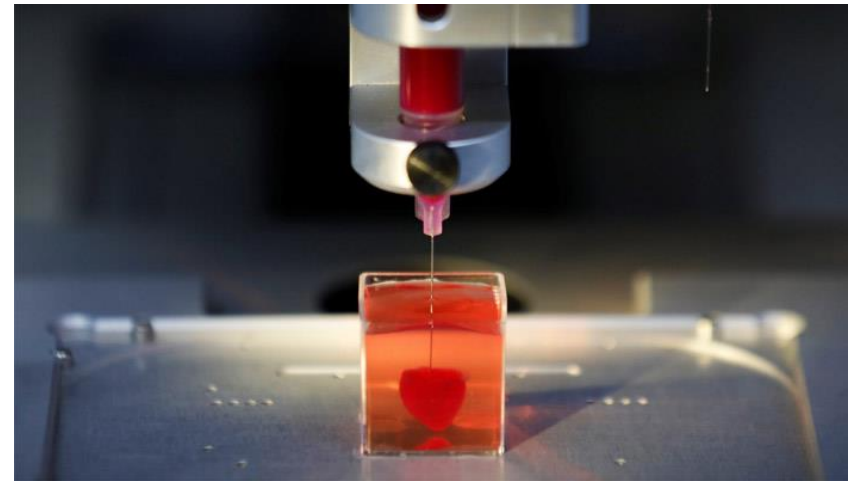
Source: Spool Boss 3D Printer Filament (2020)

Materials used for 3D printing

Cells, tissues, biomaterials

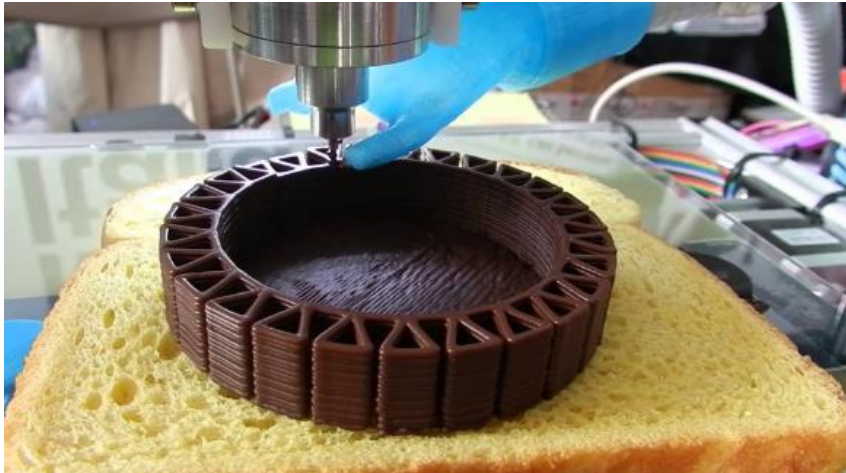


Source: 3Dnatives (2019)



Source: 3Dnatives (2020)

Materials used for 3D printing



Source: Fabbaloo (2018)

Food



Source: Fabbaloo (2019)

Materials used for 3D printing

Concrete

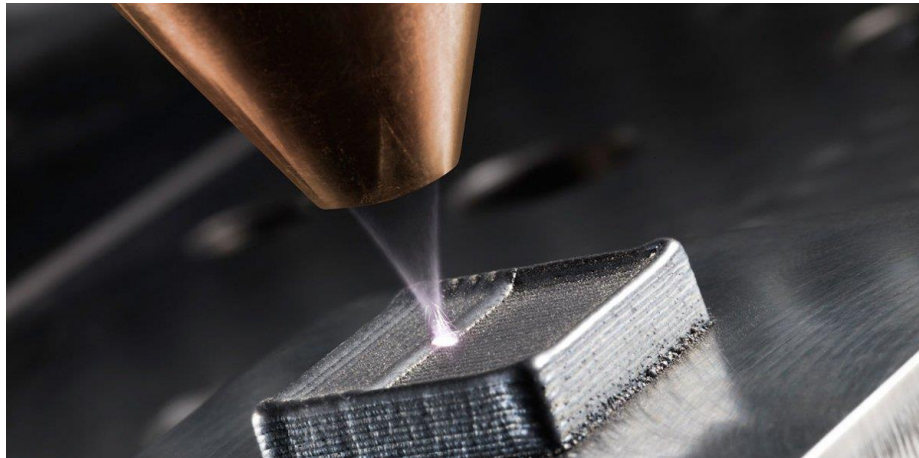


Source: de zeen (2018)



Source: m-tec (2020)

Materials used for 3D printing



Source: AMFG.ai (2019)

Metals



Source: AMFG.ai (2019)



Co-funded by the
Erasmus+ Programme
of the European Union

Thank
you

This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.