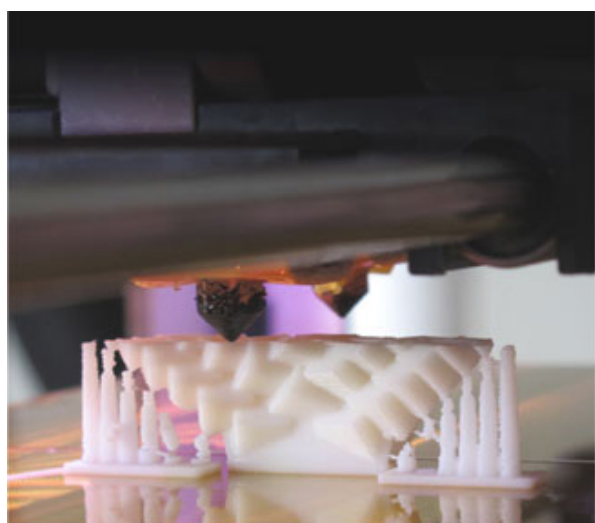


3D PRINTING OF CERAMICS



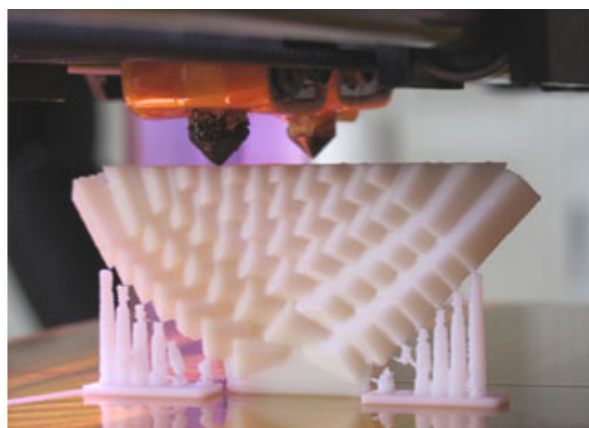
What is 3D Printing?

3D Printing is a process that makes things by slicing 3D diagrams into flat layers and then building each layer at a time on top of each other to make a 3D shape!



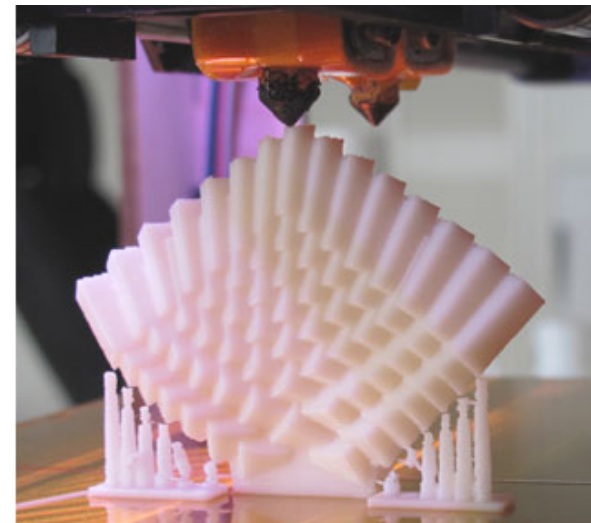
How are ceramics 3D Printed?

There are several ways ceramics can be 3D printed but the most popular for engineers is using liquid plastic filled with ceramic powder which is solidified by a laser in the 3D shape. This plastic is then burned away to leave just the ceramic.



Why is this a good thing?

Ceramics are used for many things in many different shapes, and 3D printing allows lots of different shapes to be made straight away without having to buy new tools each time.



It can even make shapes that couldn't be made any other way, such as bone replacements tailored to each patient!

You can see this in the top picture.

For more information visit ceramics.org/ceramics-are-cool

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