

Digory: A 3D Printed Alternative to Ivory

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The Technical University in Vienna has developed the material “Digory” together with Cubicure GmbH (Spanish 3D printer company, using SLA printing). (2021)



Digory consists of synthetic resin with calcium phosphate particles(found in bones/teeth) and silicon oxide powder (scratch resistant, improve smooth texture)and is cured in the desired areas using the stereolithography process
Color achieved with Black tea!



Has a Patent, and is now selling Jewellery and decorative pieces. Though the main goal is for restoration of Cultural objects (Targetting museums or other facilities that does restoration)



<https://www.youtube.com/watch?v=X-3Jfdjtt5U&themeRefresh=1>