

Increasing the strength of bondlines on 3D-printed assemblies threefold

A significant challenge for Creabis GmbH, a 3D printing service provider, is the 3D printing of large and complex components, as normally 3D printers have maximum component dimensions of ~600mm. To make use of the advantages of 3D printing for larger components, they are printed as individual parts and then bonded together. Plasma surface treatment greatly enhances the strength of the bonds on these 3D-printed assemblies.

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Last updated: April 2021

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