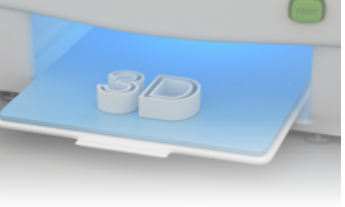

Plastics 3D Printing

MetaLine® Series 500/700 – **Coatings to optimize 3D printed parts**

Printed plastic components show a superficial roughness (porosity) which excludes their use in areas subject to food and pharmaceutical regulations. Unsuitable coefficients of surface friction and inadequate wear and impact resistance furthermore limit their usability.

MetaLine® coatings optimize 3D printed parts in terms of mechanical resistance and surface quality. Compliant with FDA 177.1680 and (EU) 1935/2004.

Suitable for printing material, among others like:

- PLA (Polyactide)
- ABS (Acrylonitrile butadiene styrene)
- PVA (Polyvinyl alcohol)
- PA66 (Polyamide)
- PS (Polystyrene)

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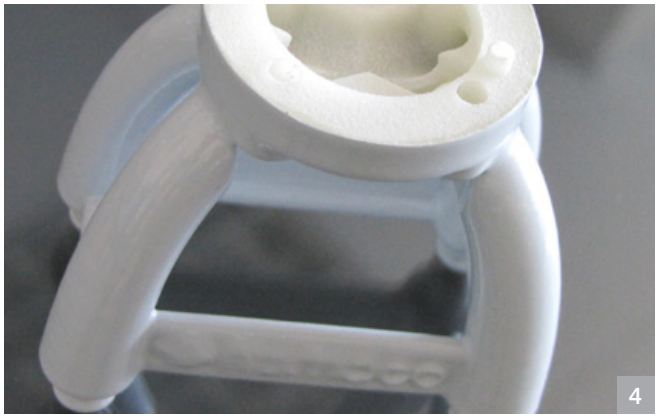
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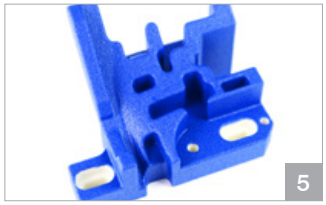
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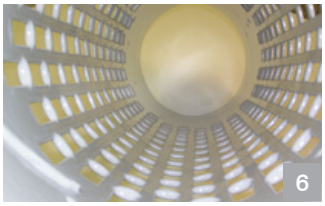
6

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Reference

- non-porous, smooth and uniform surface properties
- anti-static or electrically insulating up to 5 KV per mm (40 mil) layer thickness
- decorative, extremely functional, durable and highly wear resistant

protect | repair | save | cover | improve

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