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Polymer Application Centre



Ontwikkeling van **bioharsen** voor **3D printing**

In samenwerking met

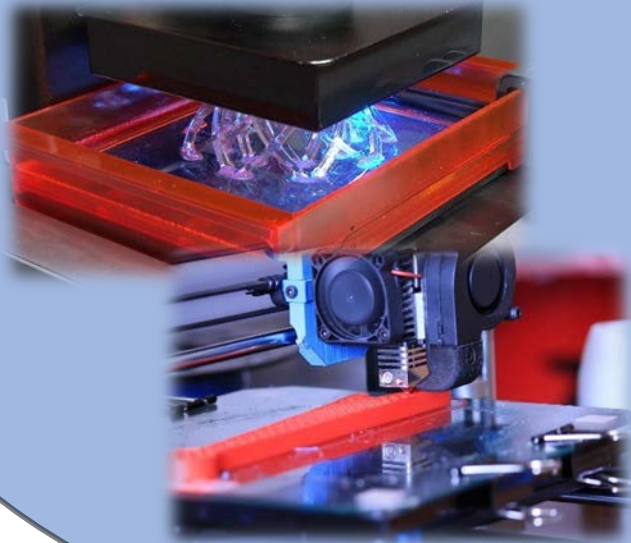


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3D printing



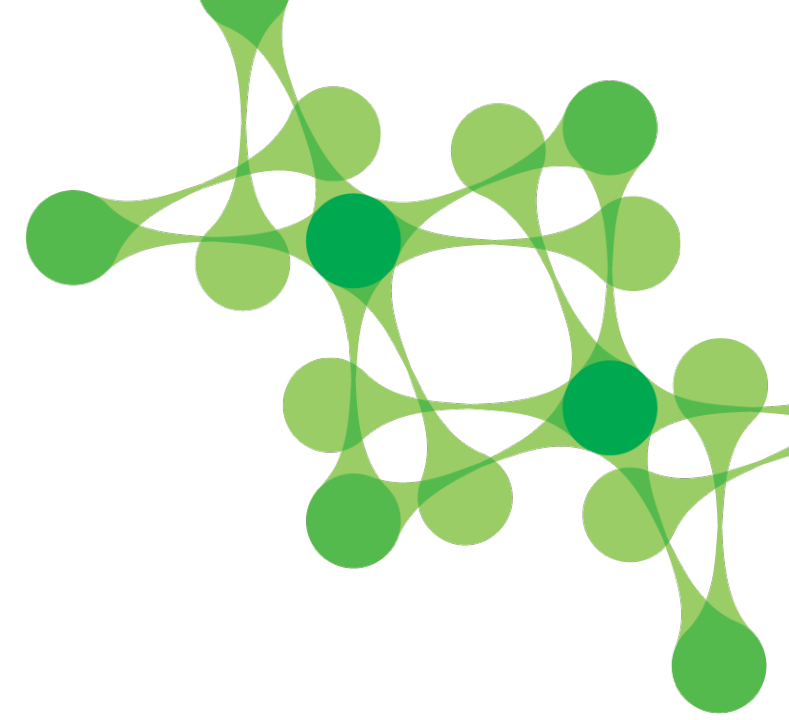
Biomaterials

Bioprint
M3DPHA



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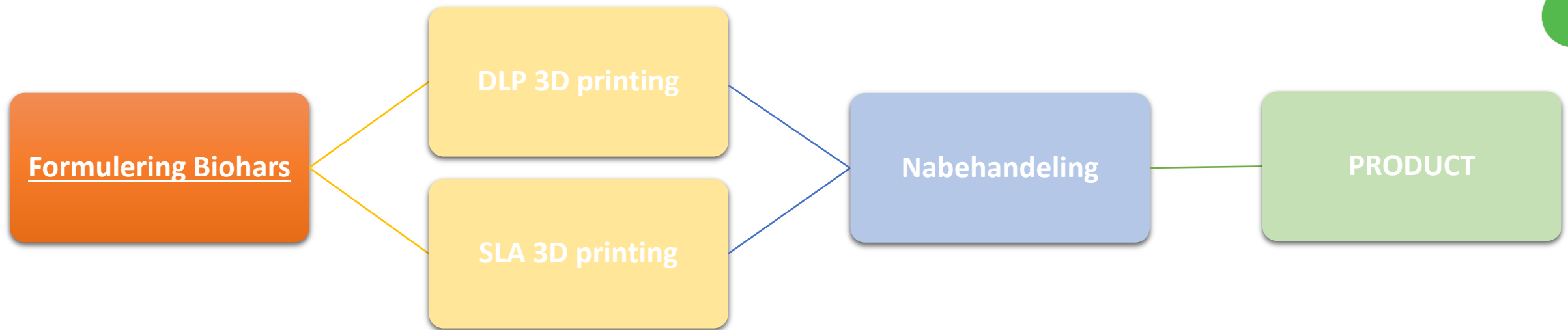
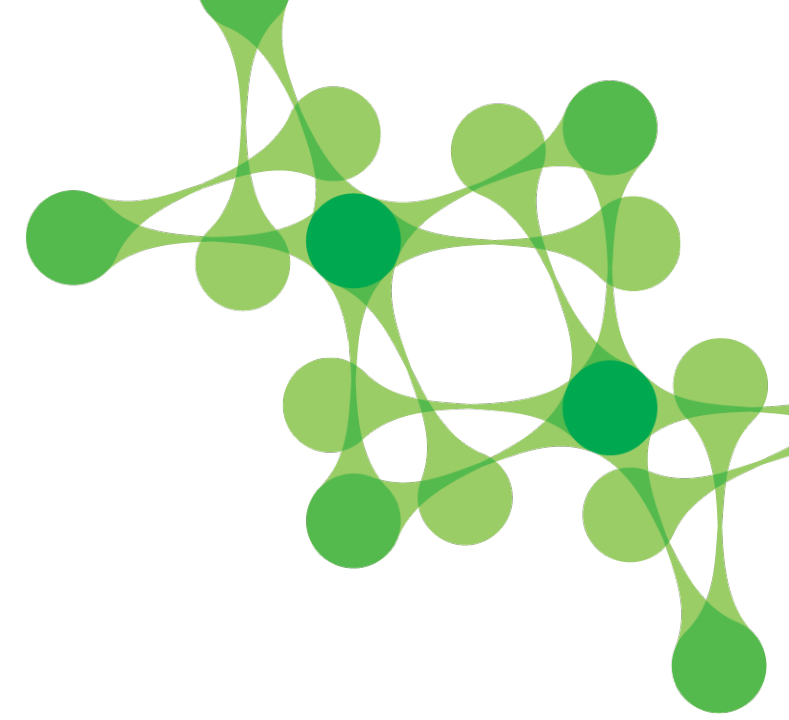
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*“Ontwikkeling van UV-hardende bioharsen
voor stereolithografie 3D printing”*

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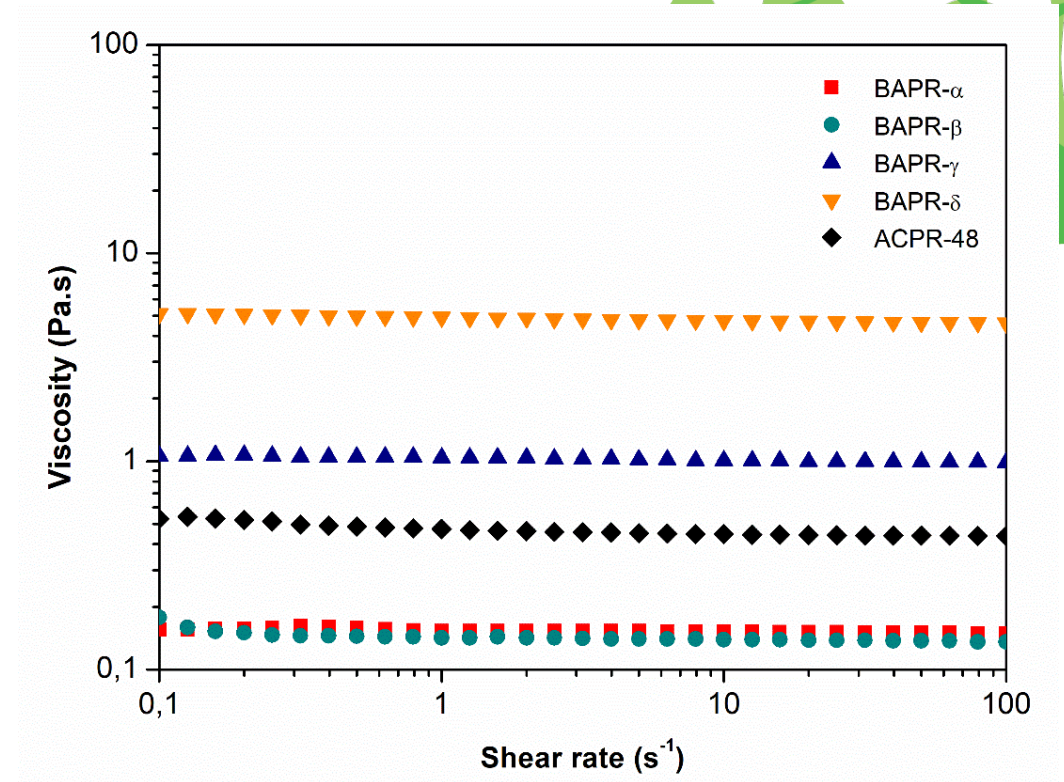
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Viscositeit is een belangrijke parameter in het 3D printproces

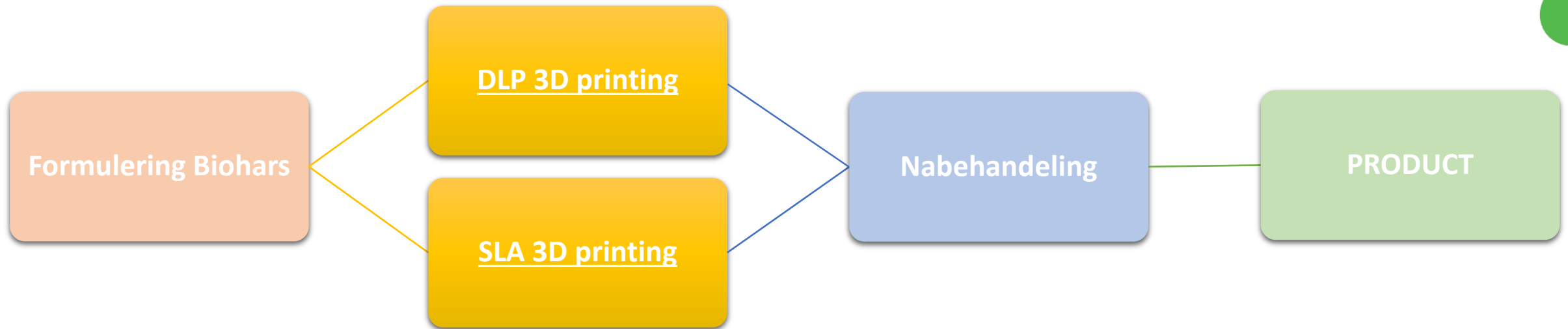
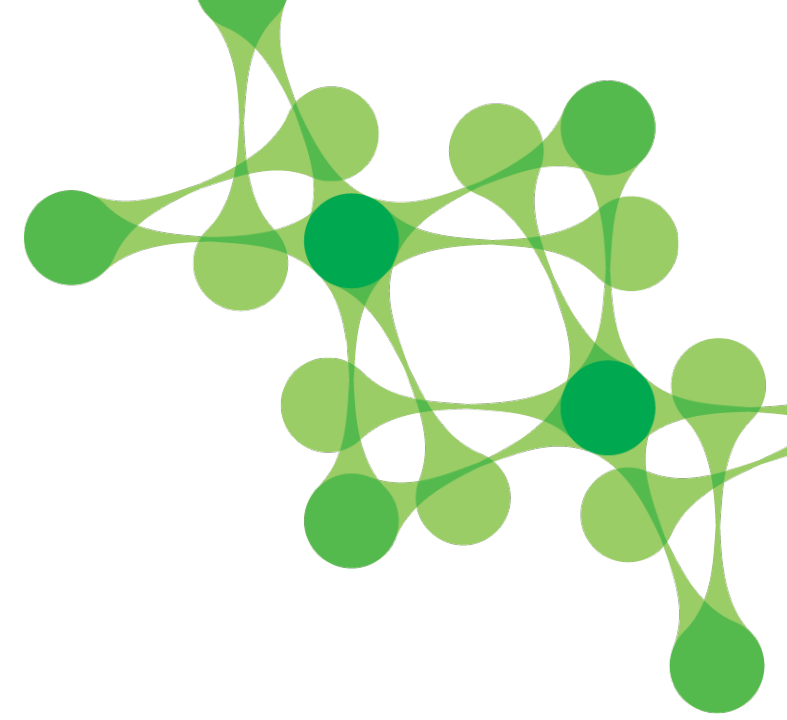
Mengen van bioacrylaat hars



Een initiatief van Stenden en Windesheim

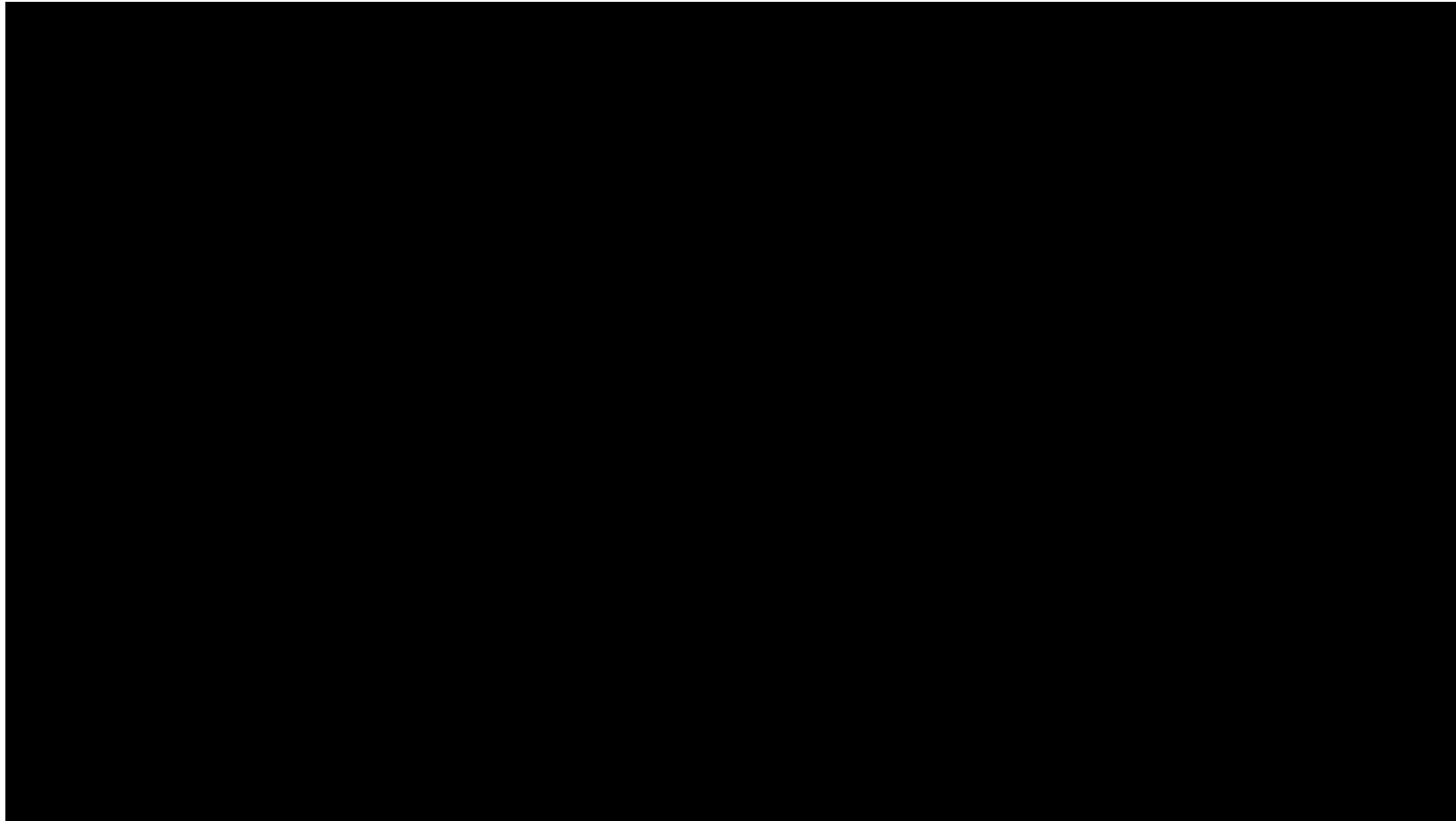
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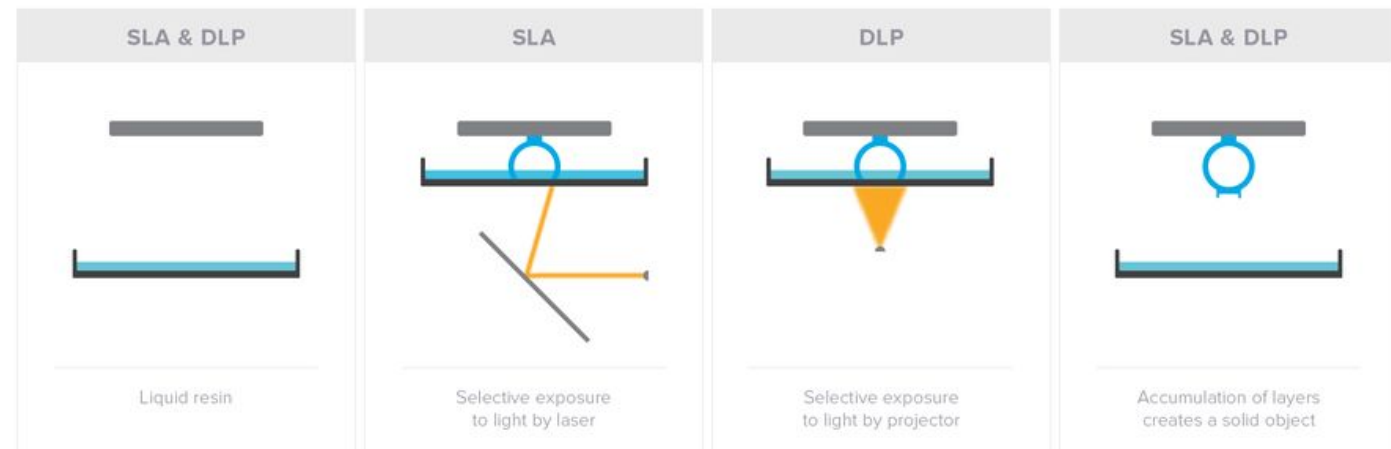
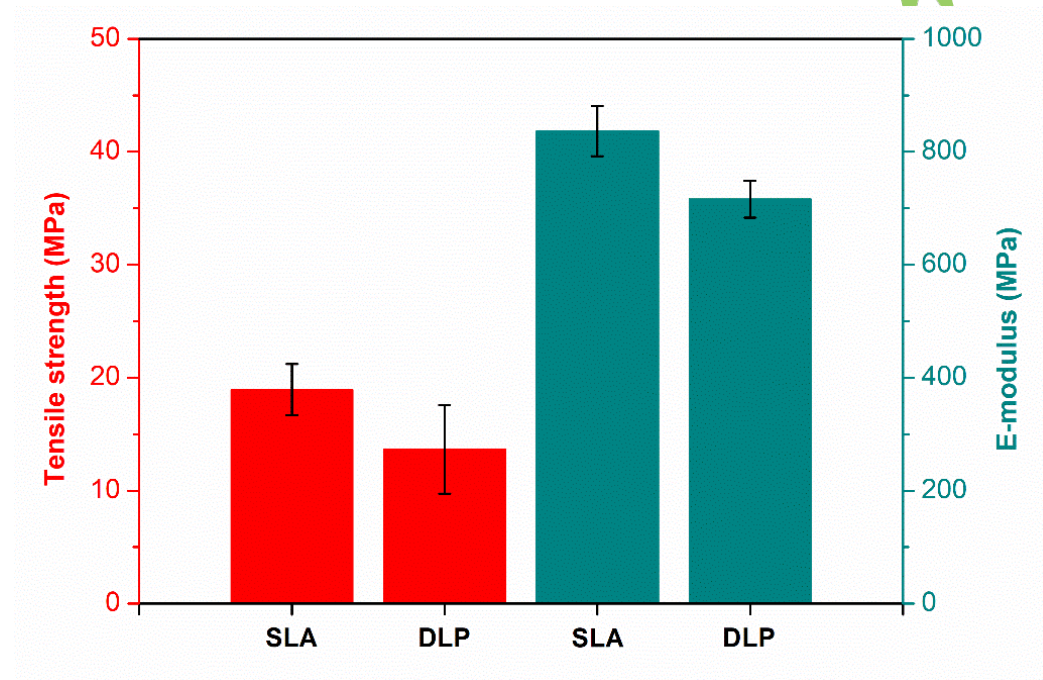
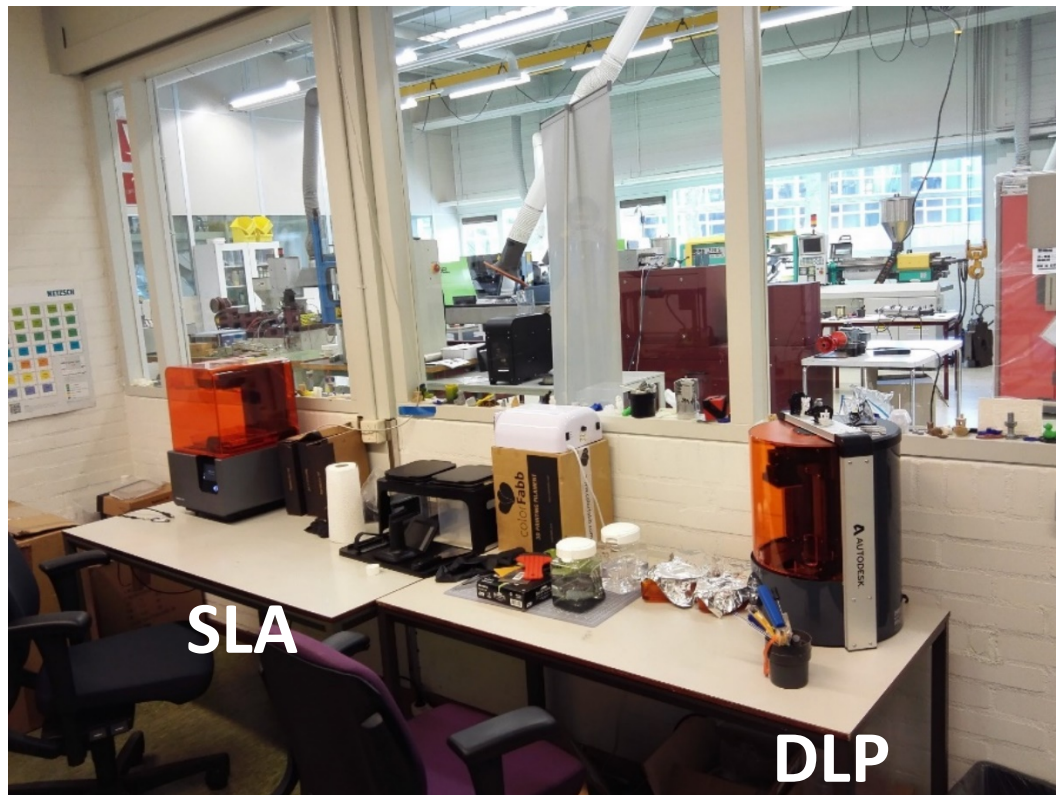
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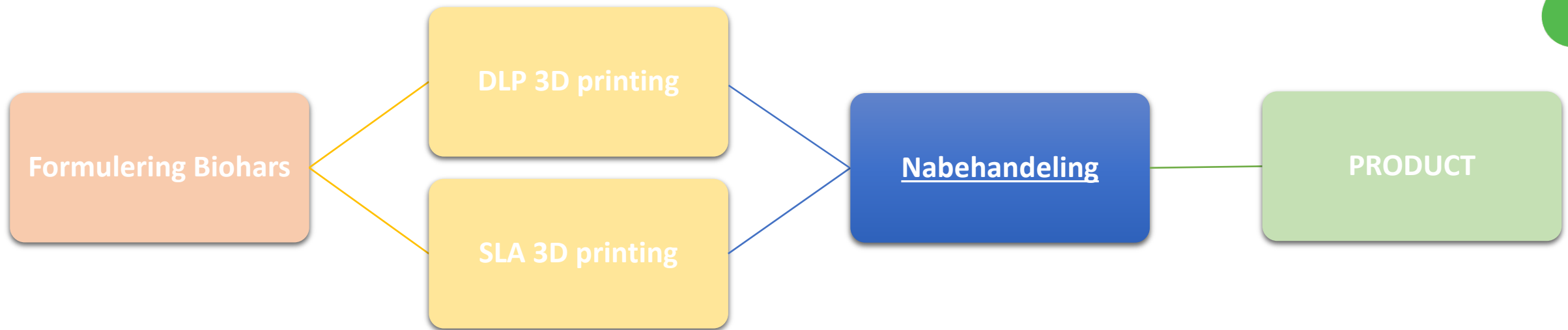
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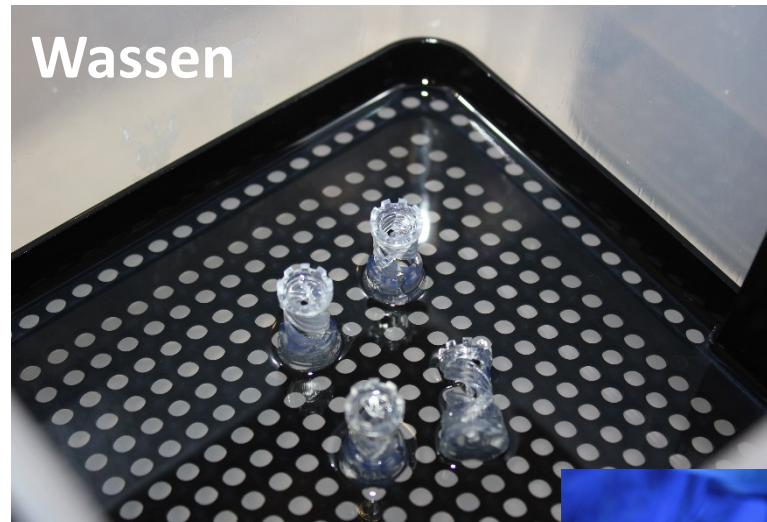
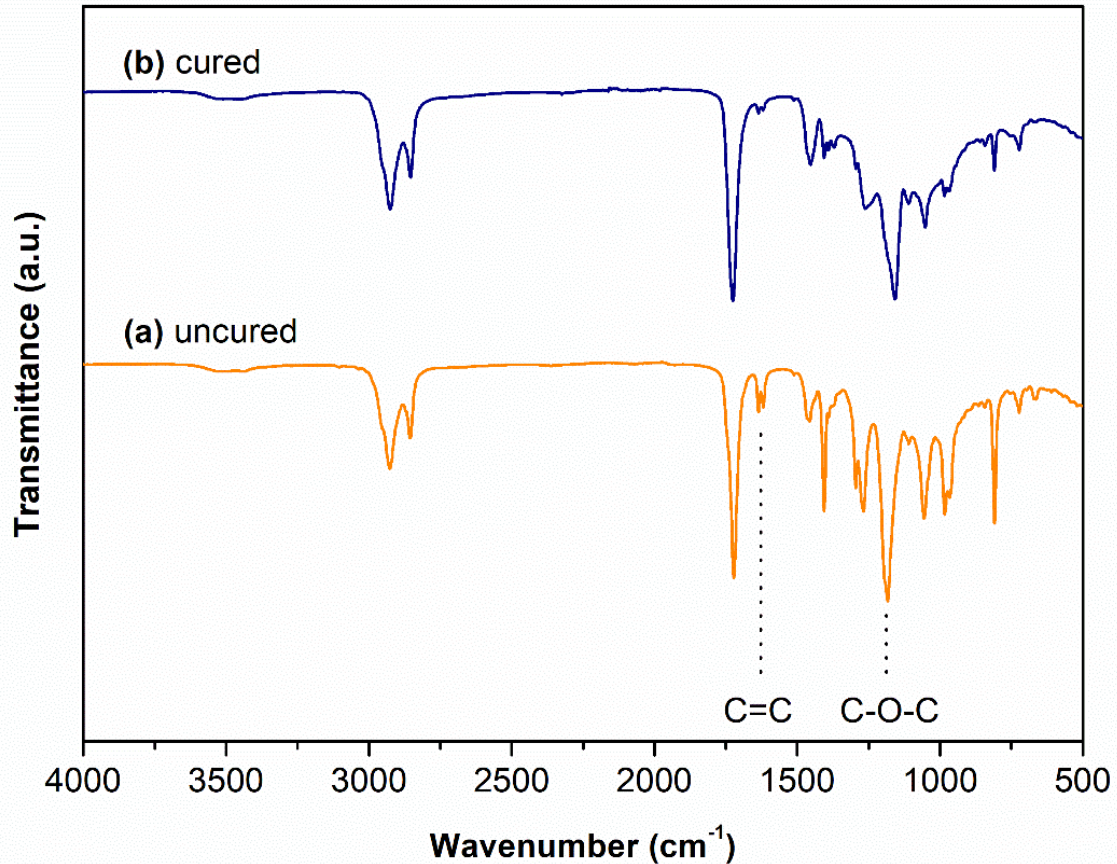
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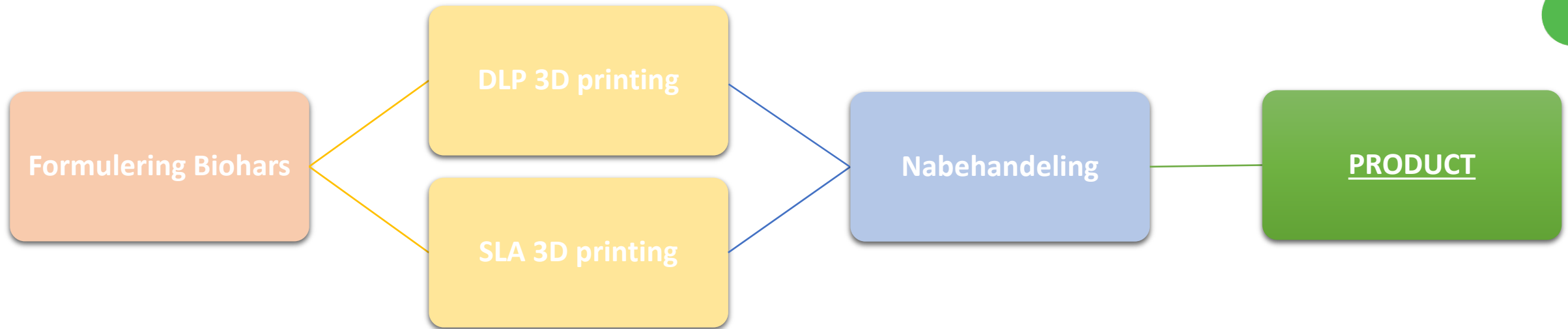
Bioharsen harden uit tijdens 3D printen
Daarna volgt wasprocedure en post-curing

Nabehandeling: wassen en uitharden

Een initiatief van Stenden en Windesheim

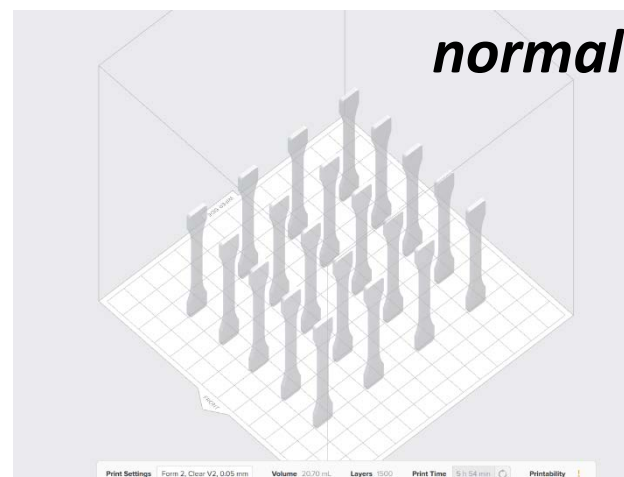
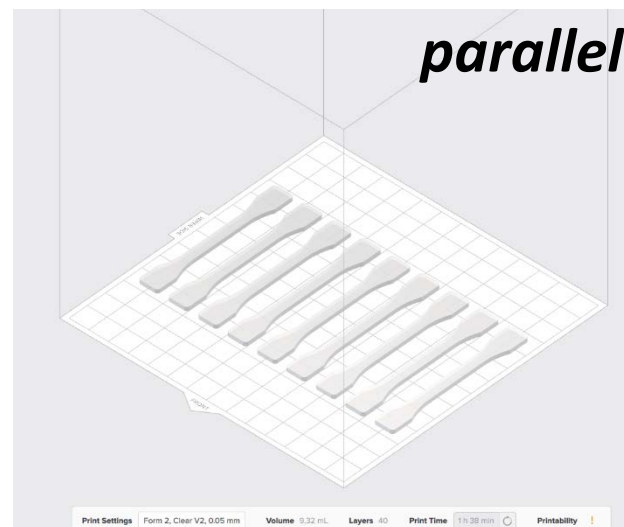
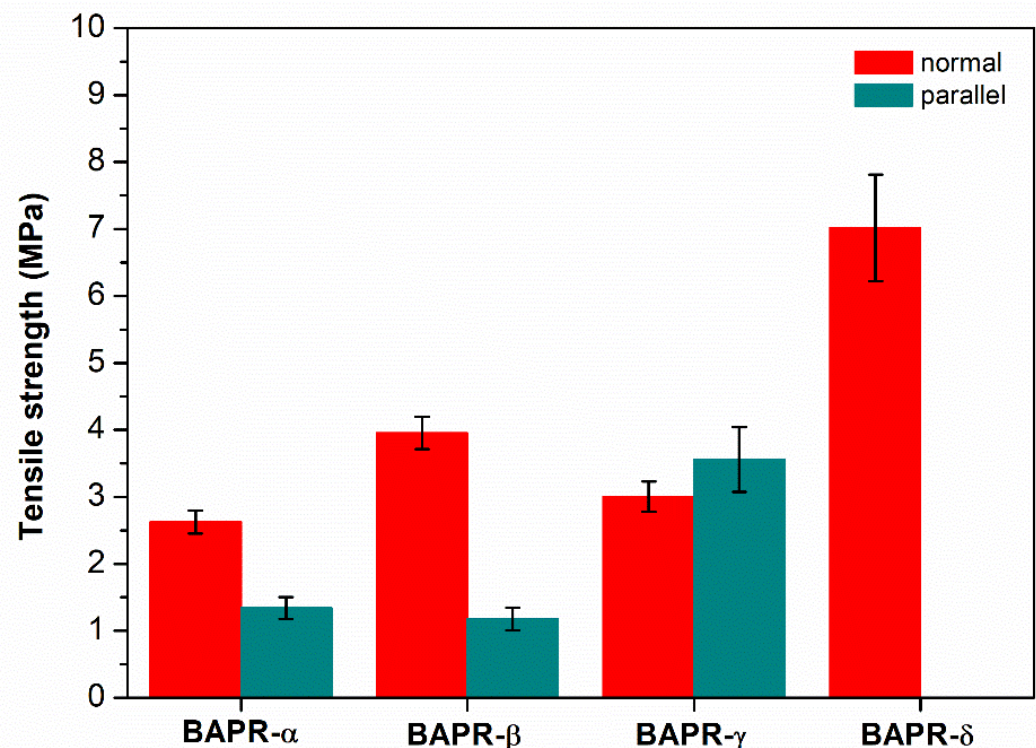
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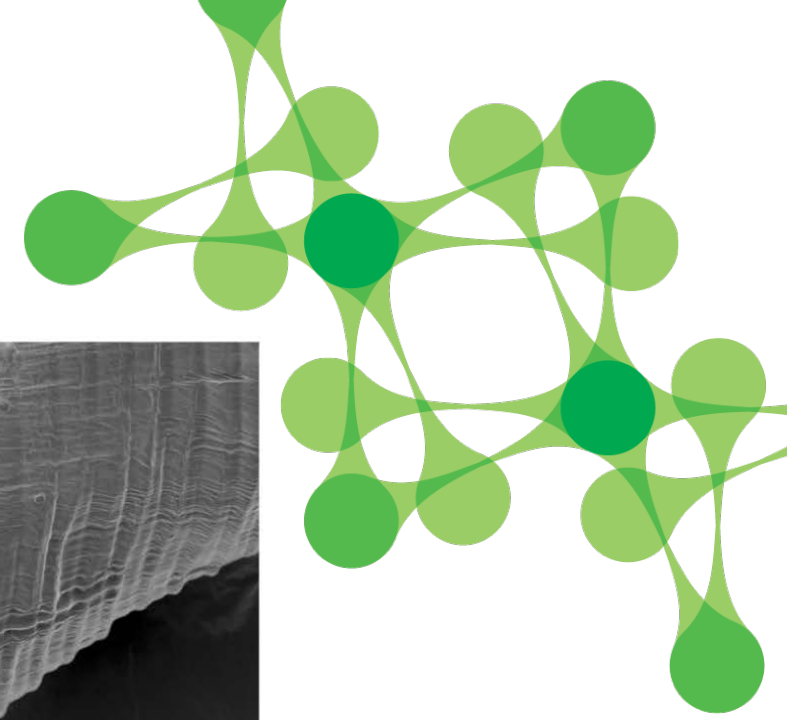
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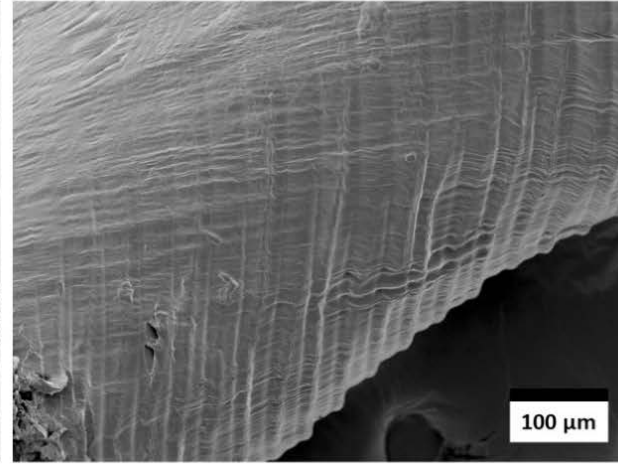
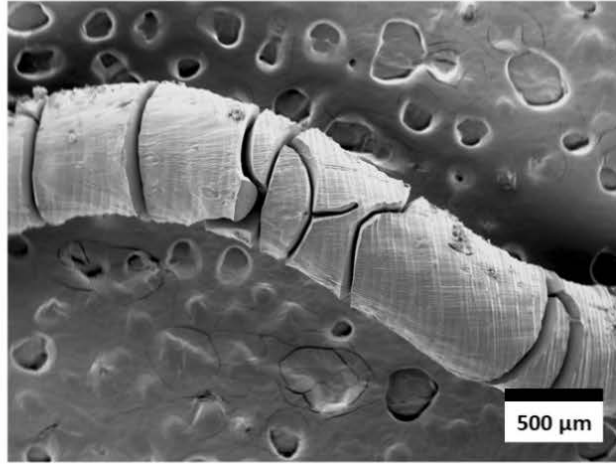
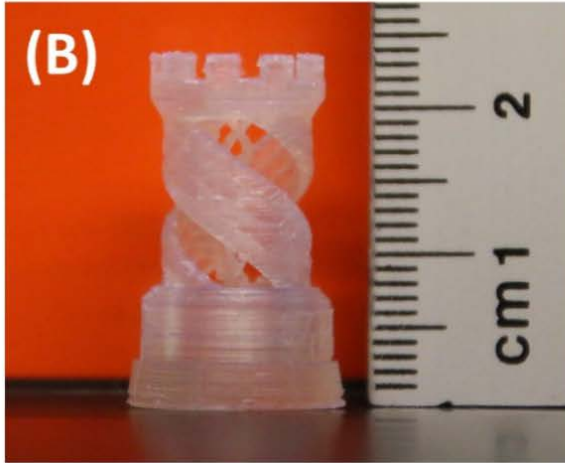


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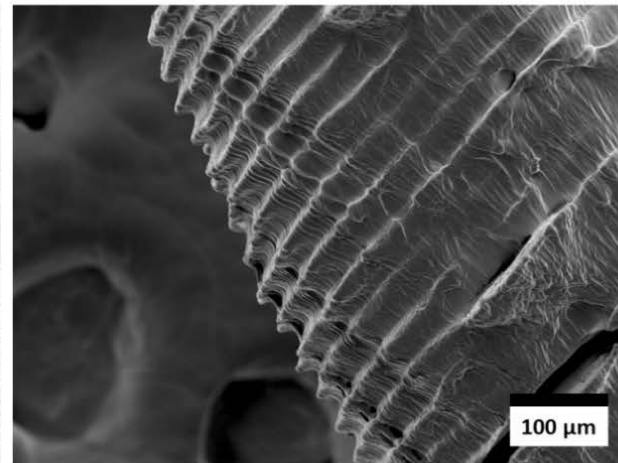
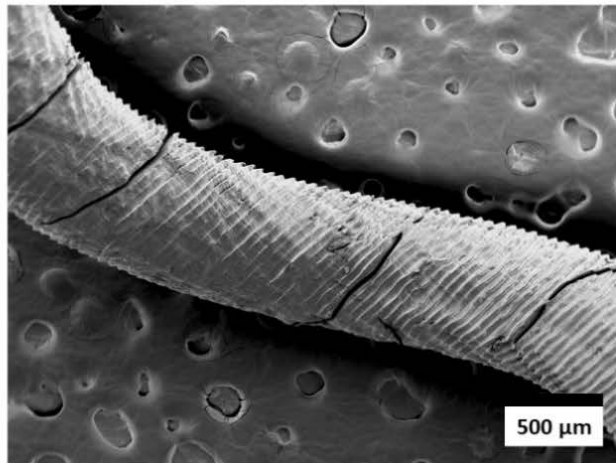
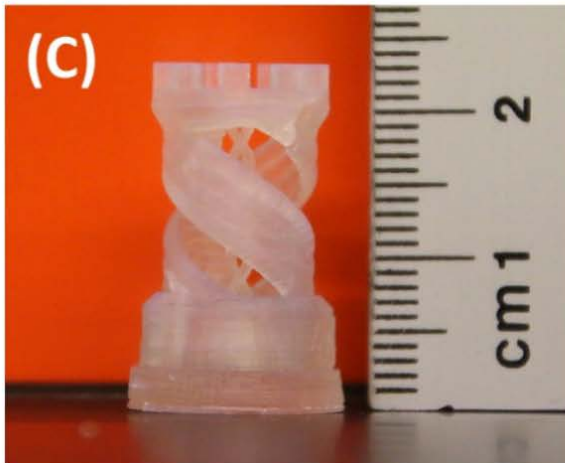
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BAPR- β



BAPR- γ

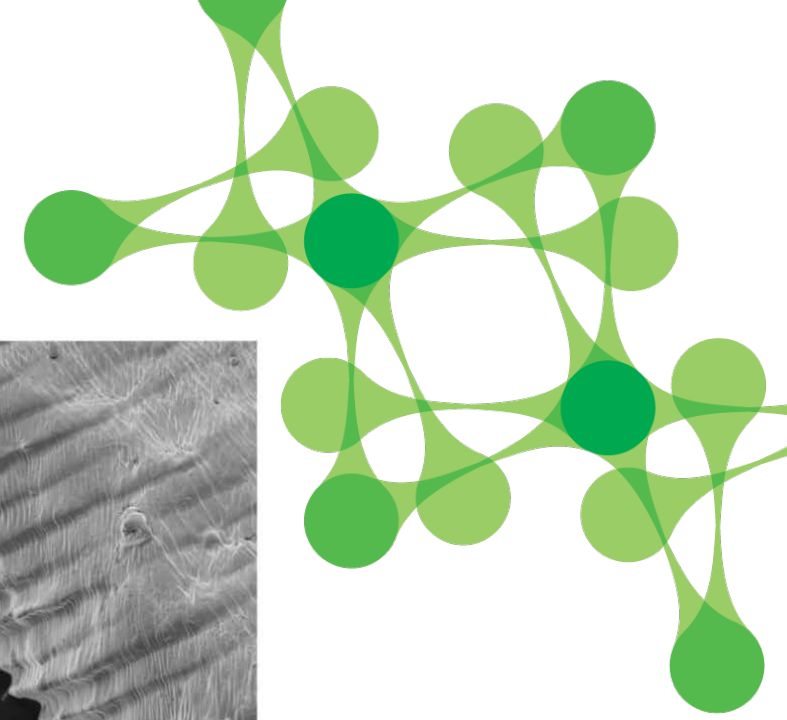


Afname in cracks bij viskeuze harsen

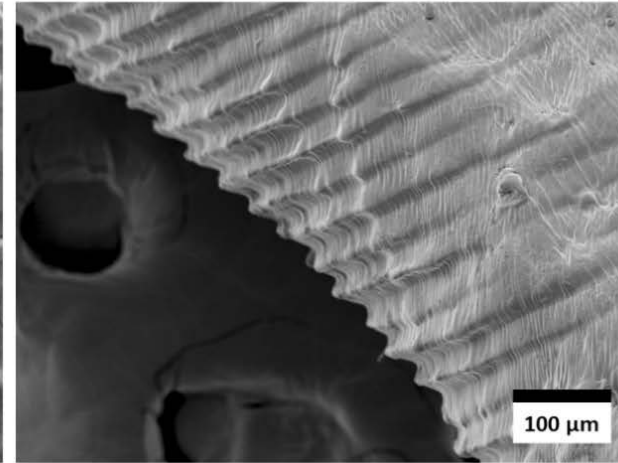
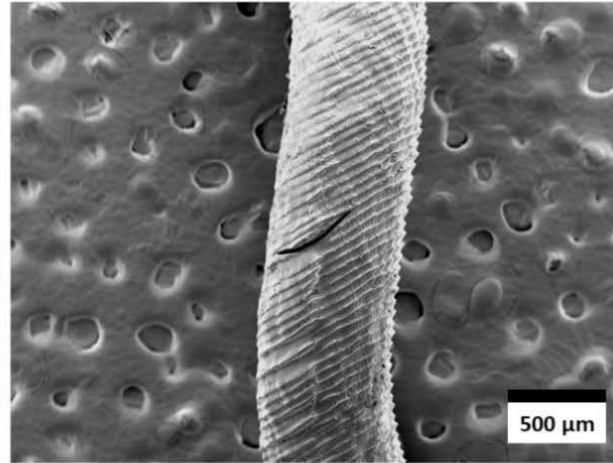
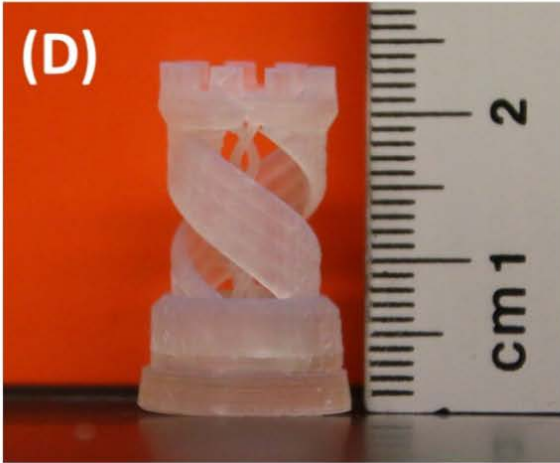
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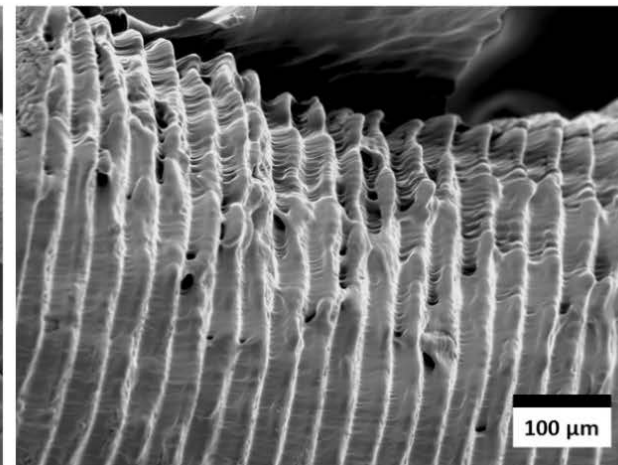
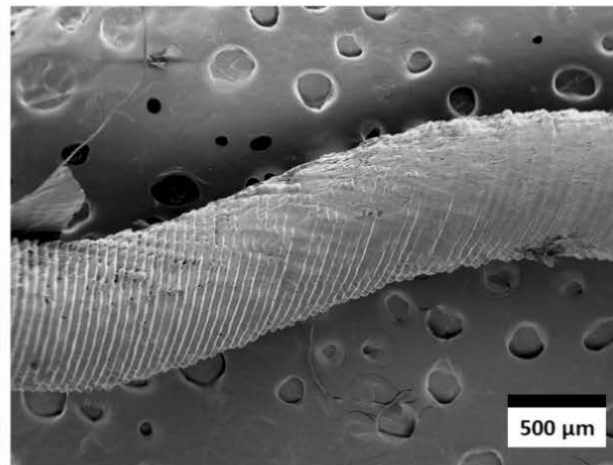
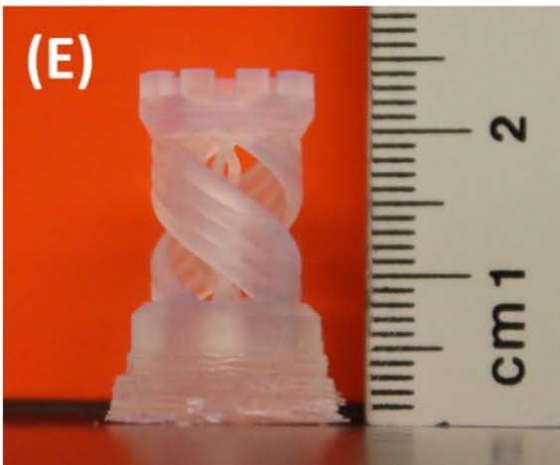
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BAPR- δ



ACPR-48



In vergelijking met commerciële standaard

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BEZOEK ONS OP HET
KENNISPLEIN



*“Ontwikkeling van UV-hardende bioharsen
voor stereolithografie 3D printing”*

DANK VOOR UW AANDACHT

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