3D PRINTING GUIDE



NonOilen®

(polylactic acid and polyhydroxy butyrate compound)

Printing temperature: 175 – 195 $^{\circ}\text{C}$

Heated bed temperature: $0-50~^{\circ}\text{C}$

Speed: 20 - 50 mm/s

Part cooling fan: 100 %

Heated bed surface: PEI, mirror/glass, LockPAd

Adhesive: 3DLac, PVA glue Raft / skirt / brim: skirt

Heated chamber / enclosure: not needed

Adhesion

- It is recommended to use 3Dlac or PVA glue as a separator of the object from the hotbed. NonOilen® can stick to the hotbed too much and it can damage the printed part or hotbed surface during removal.

Overhangs

- It is recommended to use lower layer heights for overhangs higher than 50°. To achieve the best results, use a part cooling fan at 100 %.

Printing

- The printing temperature should be set around 180 °C because under higher temperatures, the surface is rough, and stringing occurs due to high flow. Do not exceed 210 °C where the material can start degrading.