

WASTE - BASED

RE-USED PLA SCRAPS



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WASTE - BASED

RENEWABLE, REUSABLE
MADE OF BY-PRODUCT OR WASTE



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INGREDIENTS & TOOLS:

- PLA Scraps - at least 20 g

Tools: oven, baking tray, baking paper, scissors, pliers, hammer, big transparent plastic bag, oven mitts, modular silicone moulds

THIS IS A VARIATION ON:

Devin Montes' Failed Print Recycling

Used moulds to control shape, thinner, varying with open and closed structures.

MAKING PROCEDURE:

- Break and cut PLA scraps into small pieces (do this inside the plastic bag to avoid flying scraps).
- Prepare a mold, fill with scraps
- Bake for 20 mins at 220 degrees Celcius (or until melted)
- Let cool for 15 mins

PLA is not easily composted nor easily biodegradable. Re-use is a better option: it keeps its qualities when its not mixed with other materials (be sure to separate ABS and PTE from PLA scraps)