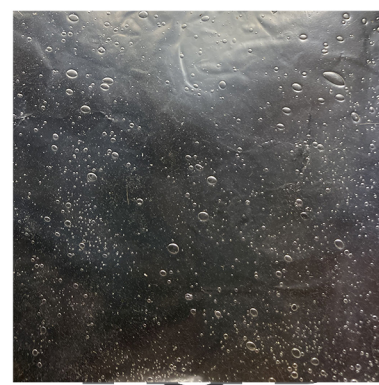
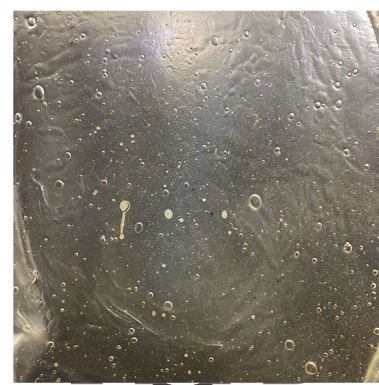


S-1



S-2



S-3

Starch based samples

S1,2,3



G-1



G-2



G-3

Gelatin based samples

G1,2,3



Drying Method

Temperature

Time period

S-1	S-2	S-3
32 gr Tapioca Starch	32 gr Tapioca Starch	32 gr Tapioca Starch
180gr Water	180gr Water	180gr Water
15 gr Glycerol	15 gr Glycerol	15 gr Glycerol
45 gr Vinegar	45 gr Lemon Juice	45 gr Orange Juice
oven: <input type="checkbox"/>	oven: <input type="checkbox"/>	oven: <input type="checkbox"/>
air fryer: <input type="checkbox"/>	air fryer: <input type="checkbox"/>	air fryer: <input type="checkbox"/>
air dry: <input checked="" type="checkbox"/>	air dry: <input checked="" type="checkbox"/>	air dry: <input checked="" type="checkbox"/>
20°C	20°C	20°C
1 day	1 day	1,5day

Drying Method

Temperature

Time period

G-1	G-2	G-3
-60 gr Water	-60 gr Water	-60gr Water
-12gr Gelatin	-12gr Gelatin	-12gr Gelatin
-2 gr Glycerol	-2 gr Agave	-2 gr Honey
oven: <input type="checkbox"/>	oven: <input type="checkbox"/>	oven: <input type="checkbox"/>
air fryer: <input type="checkbox"/>	air fryer: <input type="checkbox"/>	air fryer: <input type="checkbox"/>
air dry: <input checked="" type="checkbox"/>	air dry: <input checked="" type="checkbox"/>	air dry: <input checked="" type="checkbox"/>
20°C	20°C	20°C
14 hours	14 hours	14hours

Observations about the materials and their effects (starch based)

- 1) Recipe with orange juice dried out the longest.
- 2) Recipe with vinegar is the most sticky one.
- 3) Recipe with orange juice is the most elastic and softest result.
- 4) All 3 starch recipes have different colours: Vinegar is light orange, lemon juice is white, orangejuice is yellow.

Observations about the materials and their effects: (gelatin based)

- 1) The recipe containing glycerin, has the most durable and rigid result.
- 2) All 3 gelatin recipes shrank as they dried.
- 3) The recipe with the softest texture was the one containing agave.
- 4) During the boiling process, different amounts of foam were formed in all 3 recipes.



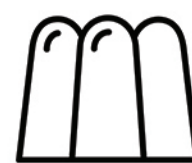
G-1



Ingredient List



Water



Gelatin



Glycerine

Preparation Steps



Pouring ingredients in a bowl.



Mixing them.



Boiling them in a cooker.



Air drying.

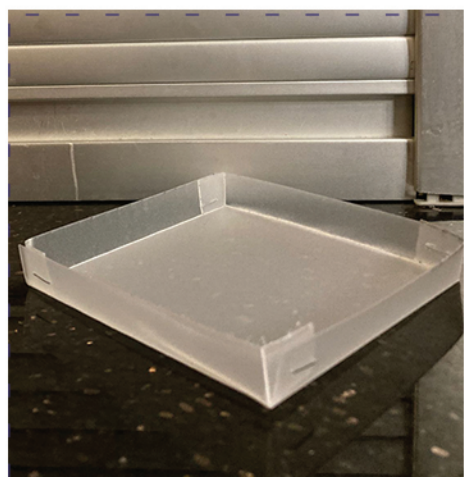
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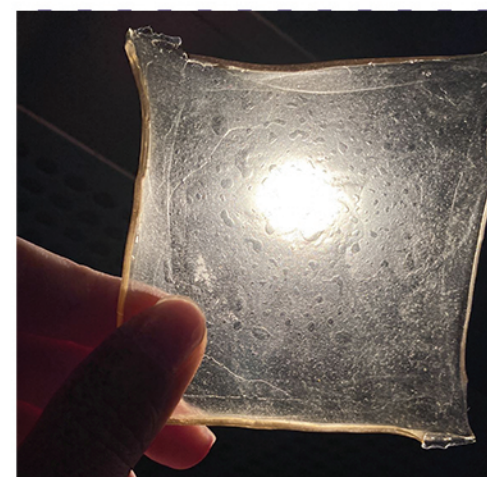
Forming Technique

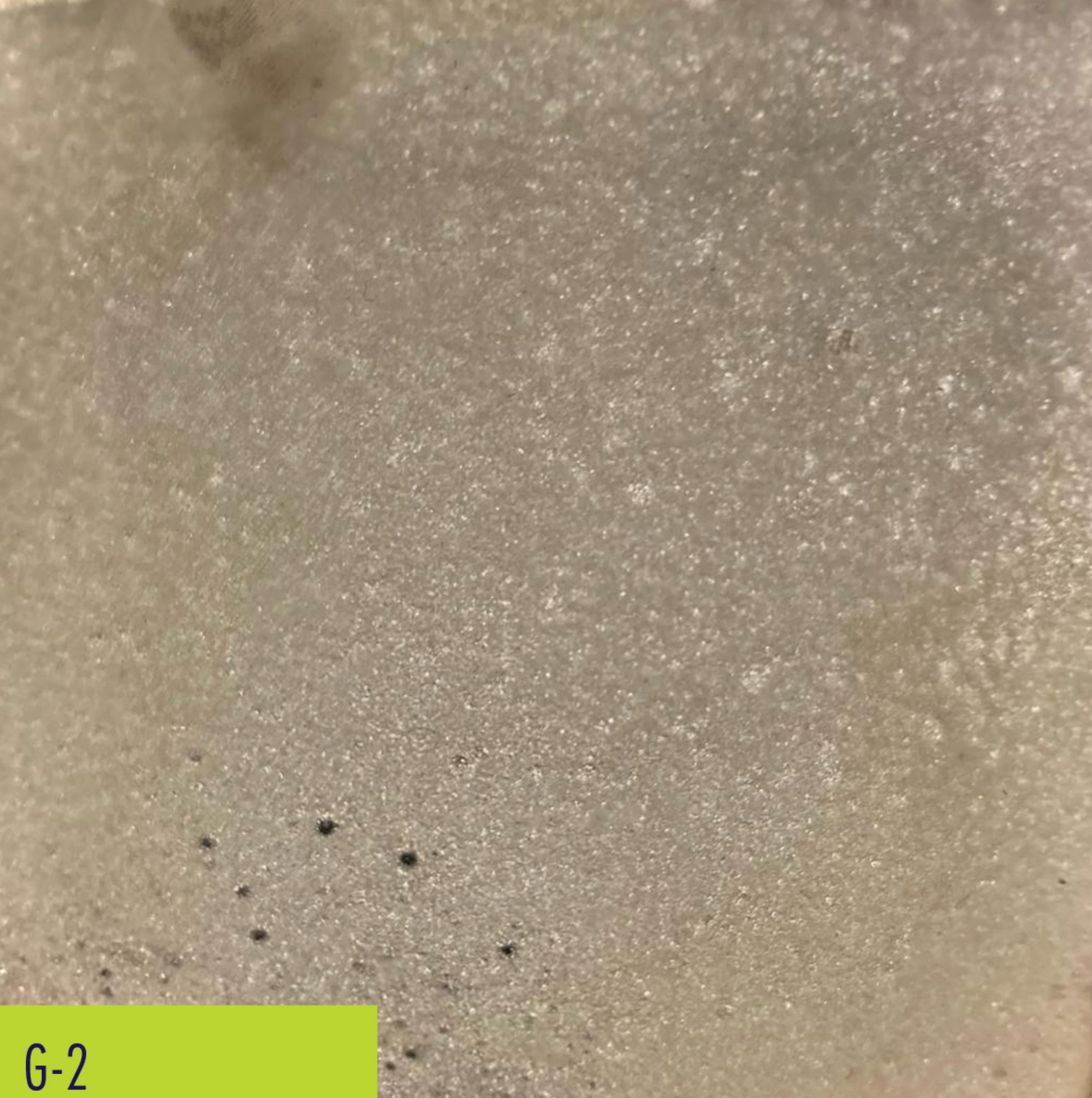
References

<http://www.materiom.org/recipe/692>



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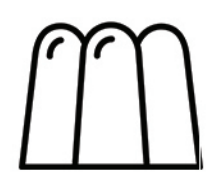
G-2



Ingredient List



Water



Gelatin



Agave Syrup

Preparation Steps



Pouring ingredients in a bowl.



Mixing them.



Boiling them in a cooker.

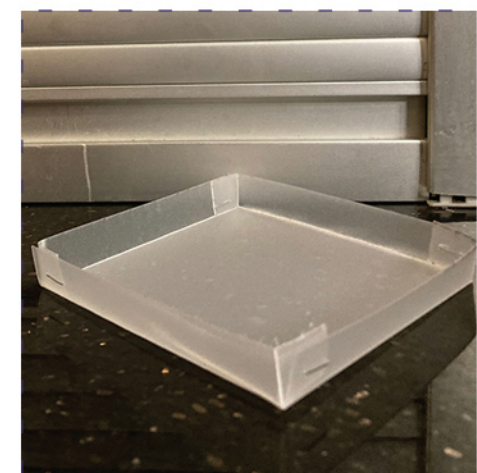


Air drying.

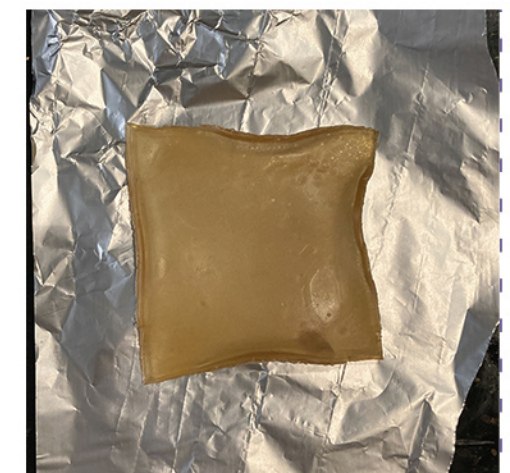
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Forming Technique Photo



Front side



Back side



References

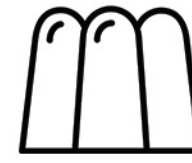
<http://www.materiom.org/recipe/692>



Ingredient List



Water



Gelatin



Honey

Preparation Steps



Pouring ingredients in a bowl.



Mixing them.



Boiling them in a cooker.



Air drying.

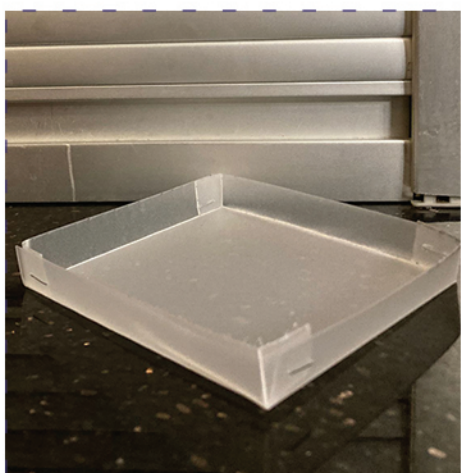
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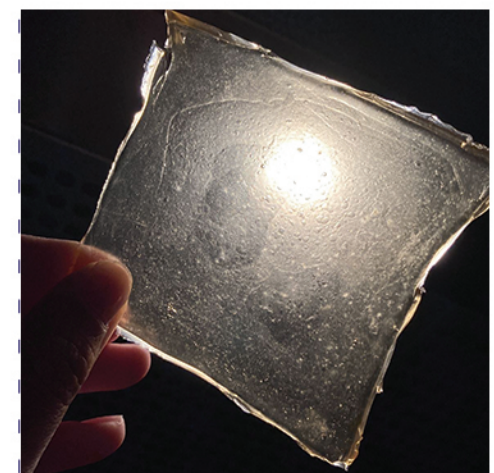
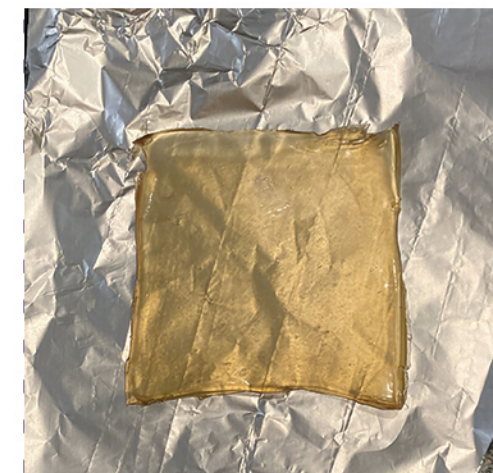
G-3

Forming Technique

References
<http://www.materiom.org/recipe/692>



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S-1

Ingredient List



Water



Tapioca Starch



Vinegar



Glycerine



Preparation Steps



Pouring ingredients in a bowl.



Mixing them.



Boiling them in a cooker.



Air drying.

Material Assessments

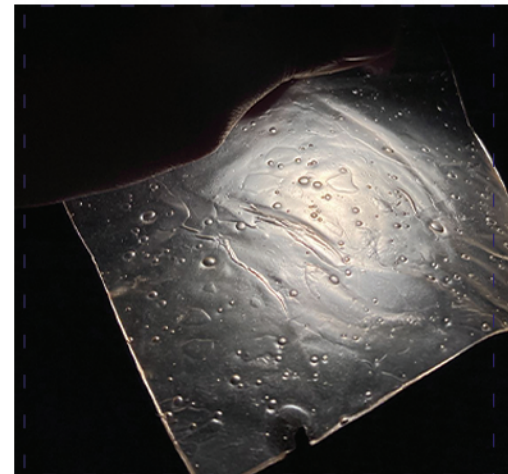
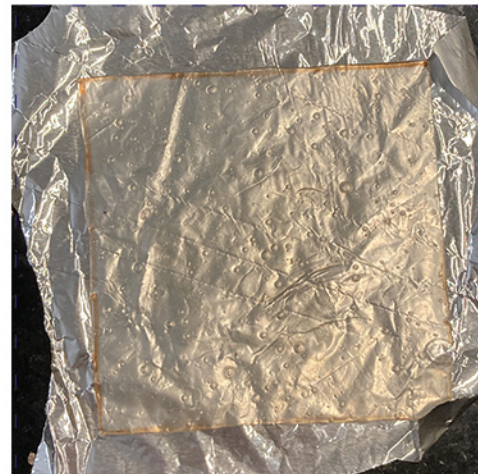
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Forming Technique

References
<https://vm.tiktok.com/ZMYK4hmp1/>



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Ingredient List



Water



Tapioca Starch



Lemon Juice



Glycerine

Preparation Steps



Pouring ingredients in a bowl.



Mixing them.



Boiling them in a cooker.



Air drying.

Material Assessments

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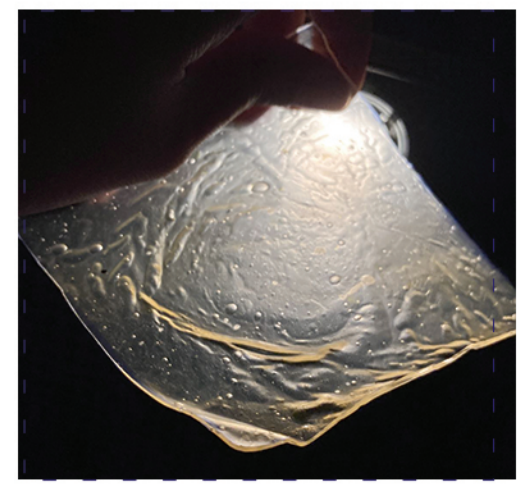
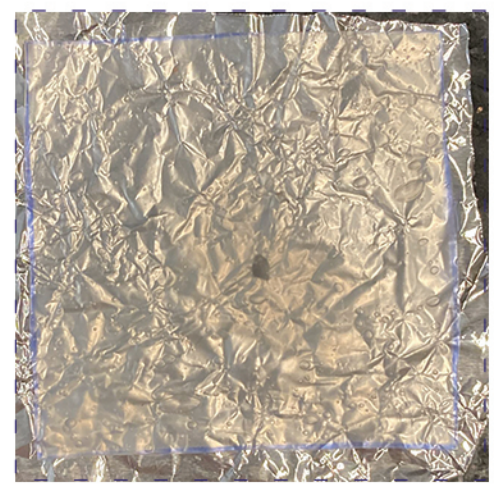
S-2

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References
<https://vm.tiktok.com/ZMYK4hmp1/>



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S-3

Ingredient List



Water



Tapioca Starch



Orange Juice



Glycerine



Preparation Steps



Pouring ingredients in a bowl.



Mixing them.



Boiling them in a cooker.



Air drying.

Material Assessments

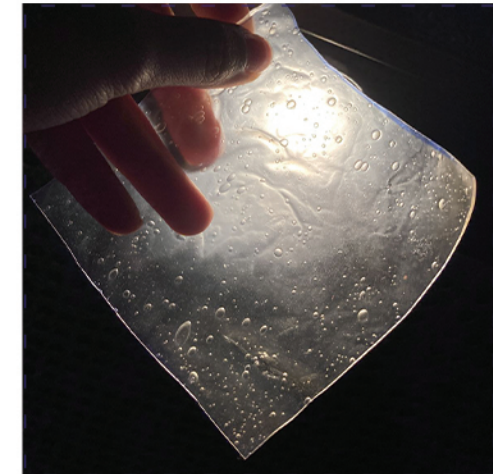
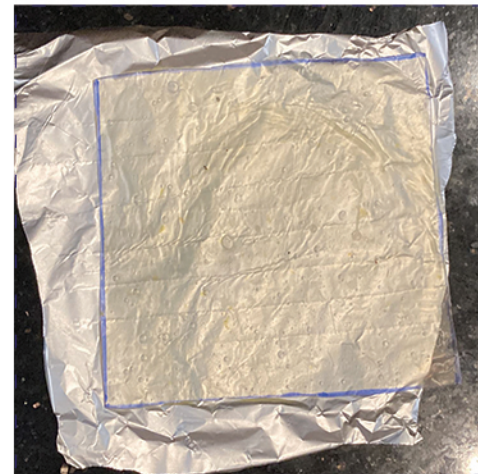
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Forming Technique

References
<https://vm.tiktok.com/ZMYK4hmp1/>



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Ingredient List



Water



Vinegar



Glycerin



Corn Starch

Preparation Steps



Pouring ingredients in a bowl.



Mixing them.



Boiling them in a cooker.



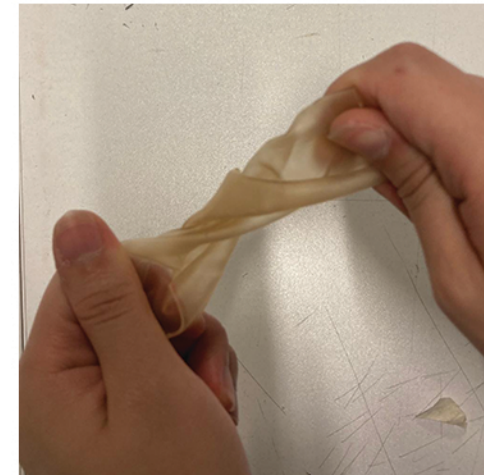
Air drying.

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References

<https://vm.tiktok.com/ZMYK4hmp1/>