

Turmeric Bioplastic

Ingredient List



Turmeric



Water



Glycerol

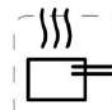


Gelatin

Preparation Steps



Mix gelatin with water.



Heat at medium-low.



Add glycerol and mix. Then add turmeric and mix.



Pour it to mold and let it dry.

Material Assessments

hard	<input type="checkbox"/>	soft	<input type="checkbox"/>	opaque	<input type="checkbox"/>	transparent	<input type="checkbox"/>		
smooth	<input type="checkbox"/>	rough	<input type="checkbox"/>	tough	<input type="checkbox"/>	ductile	<input type="checkbox"/>		
matte	<input type="checkbox"/>	glossy	<input type="checkbox"/>	light	<input type="checkbox"/>	heavy	<input type="checkbox"/>		
elastic	<input type="checkbox"/>	not elastic	<input type="checkbox"/>	fibred	<input type="checkbox"/>	not-fibred	<input type="checkbox"/>		
strong	<input type="checkbox"/>	weak	<input type="checkbox"/>						

Forming Technique

References

F. Betül Dağ





Tea Grounds Bioplastic

Forming Technique

References

F. Betül Dağ



Ingredient List



Tea Grounds



Water



Glycerol

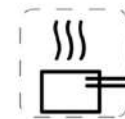


Gelatin

Preparation Steps



Mix all the ingredients.



Heat them in medium-low.



Get rid of the froth.



Put it in a mold and leave dry.

Material Assessments





Cracking Wall Biometerial

Forming Technique

References

F. Betül Dağ



Ingredient List



Sodium Bicarbonate



Water



Cornstarch

Preperation Steps



Mix cornstarch, water and bicarbonate.



Medium heat for 10min.



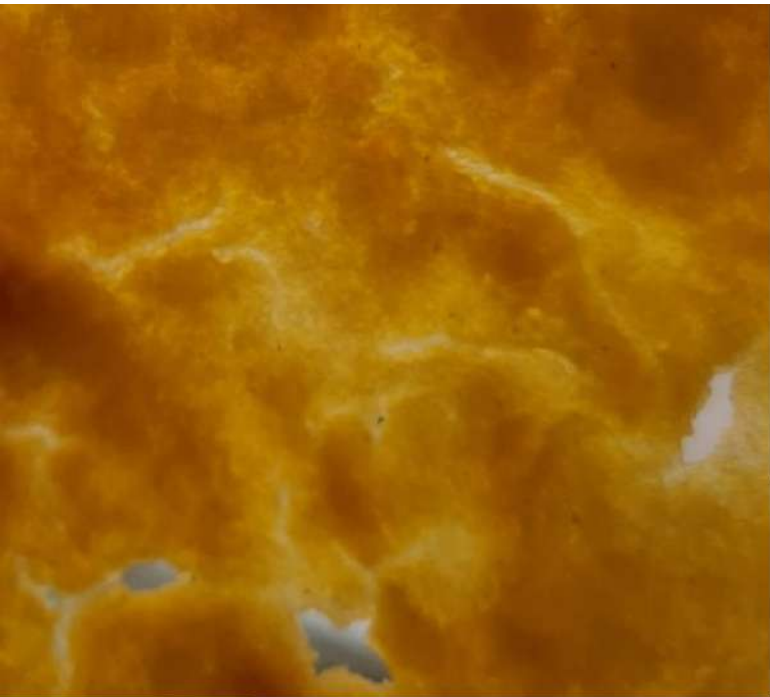
Turn off the heat, wait 10min to cool it down. Cover with a towel.



Bake at 150 degrees.

Material Assessments

hard	<input type="checkbox"/>	soft	<input type="checkbox"/>	opaque	<input type="checkbox"/>	transparent	<input type="checkbox"/>
smooth	<input type="checkbox"/>	rough	<input type="checkbox"/>	tough	<input type="checkbox"/>	ductile	<input type="checkbox"/>
matte	<input type="checkbox"/>	glossy	<input type="checkbox"/>	light	<input type="checkbox"/>	heavy	<input type="checkbox"/>
elastic	<input type="checkbox"/>	not elastic	<input type="checkbox"/>	fibred	<input type="checkbox"/>	not-fibred	<input type="checkbox"/>
strong	<input type="checkbox"/>	weak	<input type="checkbox"/>				



Cornstarch Biomaterial

Ingredient List

Vinegar Water Cornstarch Gelatin

Preparation Steps

Leave cornstarch inside water. Add glycerol and vinegar. Heat at low. Dry it in oven at 150 °C for 1 hour.

Material Assessments

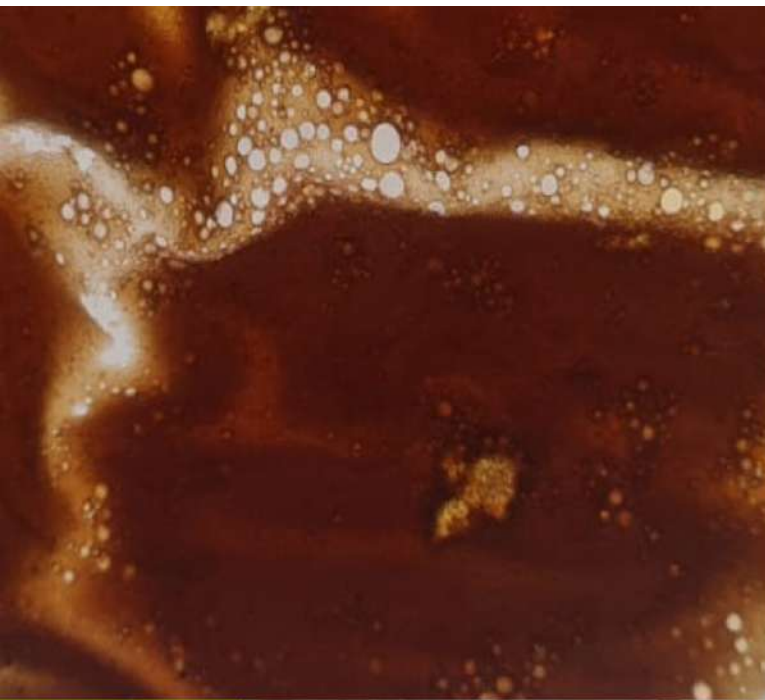
hard	<input checked="" type="checkbox"/>	soft	<input type="checkbox"/>	opaque	<input checked="" type="checkbox"/>	transparent	<input type="checkbox"/>
smooth	<input type="checkbox"/>	rough	<input type="checkbox"/>	tough	<input checked="" type="checkbox"/>	ductile	<input type="checkbox"/>
matte	<input type="checkbox"/>	glassy	<input type="checkbox"/>	light	<input checked="" type="checkbox"/>	heavy	<input type="checkbox"/>
elastic	<input checked="" type="checkbox"/>	not elastic	<input type="checkbox"/>	fibred	<input checked="" type="checkbox"/>	not-fibred	<input type="checkbox"/>
strong	<input type="checkbox"/>	weak	<input type="checkbox"/>				

Forming Technique

References

F. Betül Dağ





Foamy Bioplastic

Forming Technique

References

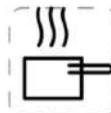





F. Betül Dağ

Ingredient List

				
Onion skin	Water	Glycerol	Gelatin	Sodium Bicarbonate

Preparation Steps

			
Boil the skins with water	Mix the onion dye and the vinegar. Heat in medium.	Add the gelatin powder and glycerin and stir. Then add baking powder.	Pour the mixture into a flat mould

Material Assessments

hard <input type="checkbox"/>	soft <input type="checkbox"/>	opaque <input type="checkbox"/>	transparent <input type="checkbox"/>
smooth <input type="checkbox"/>	rough <input type="checkbox"/>	tough <input type="checkbox"/>	ductile <input type="checkbox"/>
matte <input type="checkbox"/>	glossy <input type="checkbox"/>	light <input type="checkbox"/>	heavy <input type="checkbox"/>
elastic <input type="checkbox"/>	not elastic <input type="checkbox"/>	fibred <input type="checkbox"/>	not-fibred <input type="checkbox"/>
strong <input type="checkbox"/>	weak <input type="checkbox"/>		



Cotton Biomaterial

Forming Technique

References

F. Betül Dağ



Ingredient List

Vinegar Water Cornstarch Gelatin Cotton

Preparation Steps

Leave cornstarch inside water. Add glycerol and vinegar. Heat at low. Dry it in oven at 150 °C for 1 hour.

Material Assessments

hard	<input checked="" type="checkbox"/>	soft	<input type="checkbox"/>	opaque	<input checked="" type="checkbox"/>	transparent	<input type="checkbox"/>
smooth	<input type="checkbox"/>	rough	<input type="checkbox"/>	tough	<input checked="" type="checkbox"/>	ductile	<input type="checkbox"/>
matte	<input type="checkbox"/>	glassy	<input type="checkbox"/>	light	<input checked="" type="checkbox"/>	heavy	<input type="checkbox"/>
elastic	<input checked="" type="checkbox"/>	not elastic	<input type="checkbox"/>	fibred	<input checked="" type="checkbox"/>	not-fibred	<input type="checkbox"/>
strong	<input type="checkbox"/>	weak	<input type="checkbox"/>				