



Ingredient List



Corn Starch



Glycerin



Vinegar



Water

QR CODE

Preparation Steps



Material Assessments

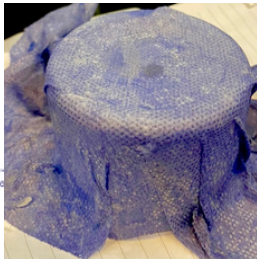
hard		soft
smooth		rough
matte		glossy
elastic		not elastic
strong		weak

opaque		transparent
tough		ductile
light		heavy
fibred		not-fibred

RECIPE 01

Forming Technique

Air -Dry



References

<https://thekidsshouldseethis.com/post/how-to-make-bioplastic/#~:text=Wear%20at%20least%2024%20hours,for%20the%20bioplastic%20to%20dry>





Ingredient List



Gelatin



Glycerin



Natural Dyes



Water

QR CODE

Preparation Steps



Material Assessments

hard		soft	
smooth		rough	
matte		glossy	
elastic		not elastic	
strong		weak	

opaque		transparent	
tough		ductile	
light		heavy	
fibred		not-fibred	

RECIPE 03

Forming Technique
Air Dry

References
<http://www.materiom.org/recipe/634>



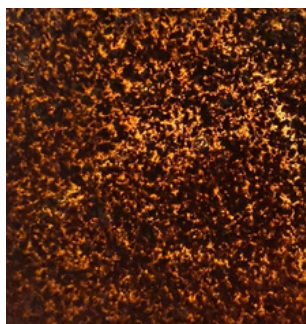


Close-up Photo

RECIPE 02

Forming Technique
Molding
Drying

References
<https://materiom.org/recipe/692>



Ingredient List



Gelatin



Glycerin



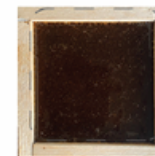
Tea Grounds



Water

QR CODE

Preperation Steps



Material Assessments

hard	☐	☐	☐	☐	soft
smooth	☐	☐	☐	☐	rough
matte	☐	☐	☐	☐	glossy
elastic	☐	☐	☐	☐	not elastic
strong	☐	☐	☐	☐	weak

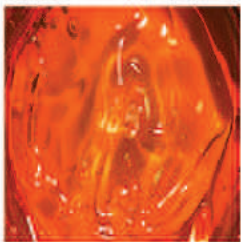
opaque	☐	☐	☐	☐	transparent
tough	☐	☐	☐	☐	ductile
light	☐	☐	☐	☐	heavy
fibred	☐	☐	☐	☐	not-fibred



RECIPE 03

Forming Technique
AIR DRIED

References
<http://www.materiom.org/recipe/694>



STUDENT NAMES FATIMA ZULNOORAIN AND RAHIMEH DURRANI

Ingredient List



Ingredient 01



Ingredient 02



Ingredient 03



Ingredient 04



Ingredient 05

QR CODE

Preperation Steps

mix together
colored water
with vinegar
and heat

add glycerin
and gelatin
and mix
vigorously

add bicarbonate
of soda

pour mixture
on aluminium
foil

Material Assessments

hard ☐ ☐ ☐ ☐ ☐ soft
smooth ☐ ☐ ☐ ☐ ☐ rough
matte ☐ ☐ ☐ ☐ ☐ glossy
elastic ☐ ☐ ☐ ☐ ☐ not elastic
strong ☐ ☐ ☐ ☐ ☐ weak

opaque ☐ ☐ ☐ ☐ ☐ transparent
tough ☐ ☐ ☐ ☐ ☐ ductile
light ☐ ☐ ☐ ☐ ☐ heavy
fibred ☐ ☐ ☐ ☐ ☐ not-fibred



Ingredient List



Ingredient 01



Ingredient 02



Ingredient 03



Ingredient 04

QR CODE

Preparation Steps

mix together water
and cornstarch

heat till
the mixture
thickens

add glycerin
and egg shells

pour over
aluminium foil
and let it air dry

Material Assessments

hard ☒ ☐ ☐ ☐ ☐ soft
smooth ☐ ☐ ☐ ☒ ☐ rough
matte ☒ ☐ ☐ ☐ ☐ glossy
elastic ☐ ☐ ☐ ☒ ☐ not elastic
strong ☐ ☐ ☐ ☒ ☐ weak

opaque ☒ ☐ ☐ ☐ ☐ transparent
tough ☒ ☐ ☐ ☐ ☐ ductile
light ☒ ☐ ☐ ☐ ☐ heavy
fibred ☐ ☐ ☐ ☒ ☐ not-fibred

Forming Technique

AIR DRIED

References

<http://www.materiom.org/recipe/682>



STUDENT NAMES FATIMA ZULNOORAIN AND RAHIMEH DURRANI



RECIPE 02

Forming Technique
AIR DRIED

References

<http://www.materiom.org/recipe/669>

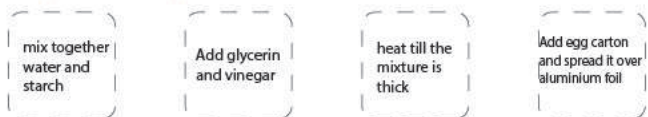


STUDENT NAMES FATIMA ZULNOORAIN AND RAHIMEH DURRANI

Ingredient List



Preparation Steps



Material Assessments

hard	☒	☐	☐	☐	soft	☐	☐	☐	☐
smooth	☐	☐	☐	☒	rough	☐	☐	☐	☐
matte	☒	☐	☐	☐	glossy	☐	☐	☐	☐
elastic	☐	☐	☐	☒	not elastic	☐	☐	☐	☐
strong	☒	☐	☐	☐	weak	☐	☐	☐	☐
opaque	☒	☐	☐	☐	transparent	☐	☐	☐	☐
tough	☒	☐	☐	☐	ductile	☐	☐	☐	☐
light	☒	☐	☐	☐	heavy	☐	☐	☐	☐
fibred	☒	☐	☐	☐	not-fibred	☐	☐	☐	☐