

Assignment04 – Exploring Bioplastics

Moataz Sherif
Abdelrehim







Lorem

Ingredient List



lwater

dry ment2

gliserin03

jelatin 04



Preperation Steps



Material Assessments

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

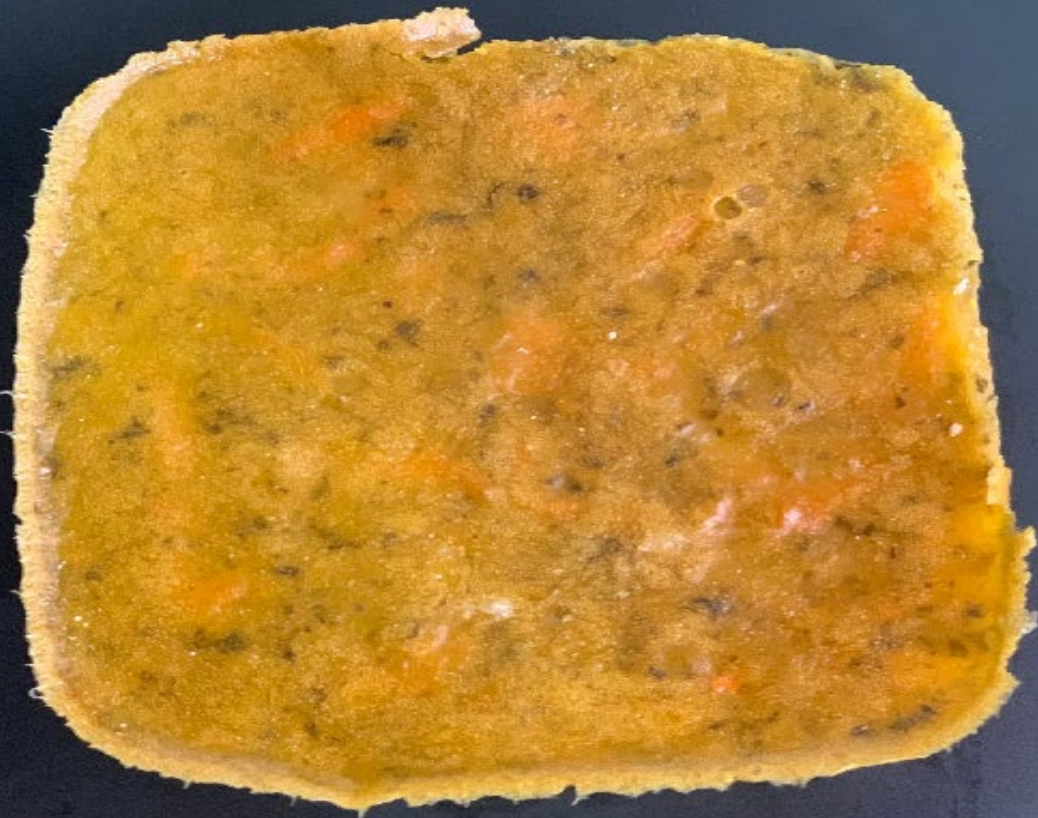
Gelatin based bioplastic RECIPE 01

Forming Technique

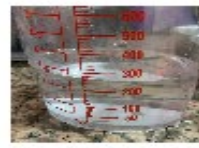
References

Moataz Sherif Abdelrehim





Ingredient List



lwater 01



pesto salsa 02



carote 03



jelatin 04

QR CODE

Preperation Steps



Material Assessments

hard	<input type="checkbox"/>	soft	<input type="checkbox"/>
smooth	<input type="checkbox"/>	rough	<input type="checkbox"/>
matte	<input type="checkbox"/>	glossy	<input type="checkbox"/>
elastic	<input type="checkbox"/>	not elastic	<input type="checkbox"/>
strong	<input type="checkbox"/>	weak	<input type="checkbox"/>

opaque	<input type="checkbox"/>	transparent	<input type="checkbox"/>
tough	<input type="checkbox"/>	ductile	<input type="checkbox"/>
light	<input type="checkbox"/>	heavy	<input type="checkbox"/>
fibred	<input type="checkbox"/>	not-fibred	<input type="checkbox"/>

GELATIN BASED BIOPLASTIC RECIPE 02

Forming Technique

References



Moataz Sherif Abdelrehim



Ingredient List



lwater 01



coal 02



jelatin 03



Gliserin 04



Preperation Steps



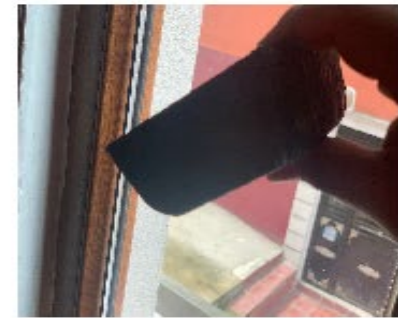
Material Assessments

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"/>				

GELATIN BASED BIOPLASTIC RECIPE 03

Forming Technique

References



Ingredient List



Iwater 01



Fruits 02



corn starch 03



Gliserin 04

QR CODE

Preparation Steps



Material Assessments

hard

smooth

matte

elastic

strong

soft

rough

glossy

not elastic

weak

opaque

tough

light

fibred

transparent

ductile

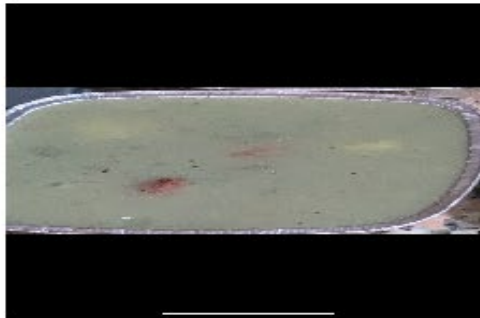
heavy

not-fibred

CORN STARCH BIOMETARIAL RECIPE 04

Forming Technique

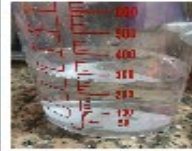
References





CORN STARCH BIOMETARIAL RECIPE 05

Ingredient List



Iwater 01



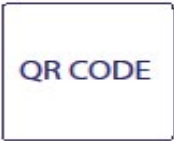
Cajow nuts 02



corn stach 03



Gliserin 04



QR CODE

Preperation Steps



Material Assessments

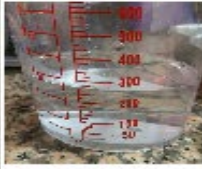
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smooth	<input type="checkbox"/>	rough	<input type="checkbox"/>	tough	<input type="checkbox"/>	ductile	<input type="checkbox"/>
matte	<input type="checkbox"/>	glossy	<input type="checkbox"/>	light	<input type="checkbox"/>	heavy	<input type="checkbox"/>
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





Ingredient List



Iwater 01



Cofe 02



corn starch 03



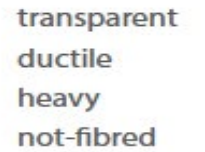
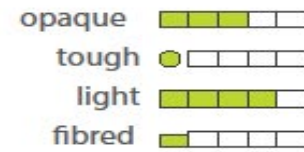
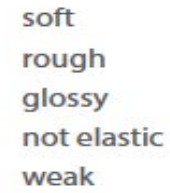
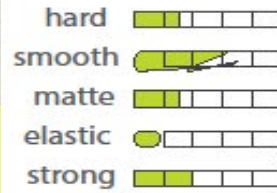
Gliserin 04

QR CODE

Preperation Steps



Material Assessments



CORN STARCH BIOMETARIAL RECIPE 06

Forming Technique

References



Water amount for starch units



Water amount for
Gelatin units

