PAINT SPRAYING OF PLASTICS

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'FINISHES FOR POLYMERS, PROCESSES AND TECHNIQUES' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

LINK

http://www.technologystudent.com/mobapps/polymer_finishes1.pdf

Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research / complete answers to all the questions.

ARE YOU READY?
USE THE MOBILE App!!

1 DESCRIBE THE PREPARATION OF A PLASTIC / POLYMER SURFACE, BEFORE PAINT SPRAYING.

2 WHY DO YOU NEED TO SELECT PAINTS FOR PLASTIC SURFACES, CAREFULLY?

3 WHAT IS 'RUBBERISING SPRAY' AND WHAT ARE ITS ADVANTAGES.

RUBBERISING SPRAY

RUBBERISED SURFACE

PASTE AN IMAGE OF A PRODUCT WITH A RUBBERISED FINISH.

Do not use the example shown on this sheet.

4 WHEN IS A SPRAY GUN AND COMPRESSOR USED, IN PREFERENCE TO A SPRAY CAN?

HELPFUL LINK: http://www.technologystudent.com/mobapps/polymer_finishes1.pdf

SMART LEARNING - FOR USE WITH THE MOBILE INTERACTIVE PDF Apps FROM www.technologystudent.com

B

HEAT TRANSFER PRINTING, VINYL DECALS AND STICKERS

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'FINISHES FOR POLYMERS, PROCESSES AND TECHNIQUES' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

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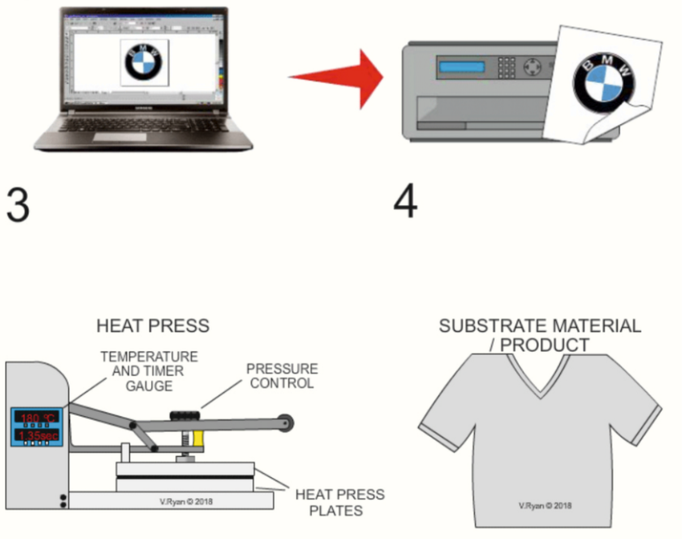
ARE YOU READY?
USE THE MOBILE App!!

1

DESCRIBE THE PROCESS CALLED 'HEAT TRANSFER PRINTING'.

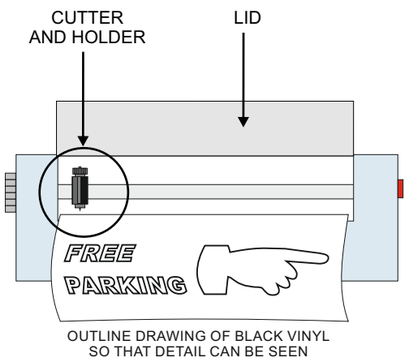
You may wish to make reference to the diagram in the next box.



2

WHAT ARE VINYL DECALS? (AS SEEN BELOW)

Write your answer in the next box.



YOUR ANSWER - VINYL DECALS.

Consider making reference to the images in the previous box.

3

HOW DO VINYL STICKERS DIFFER FROM VINYL DECALS?

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C

FLOCKING, POLISHING AND LASER ETCHING

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'FINISHES FOR POLYMERS, PROCESSES AND TECHNIQUES' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

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ARE YOU READY?
USE THE MOBILE App!!

1

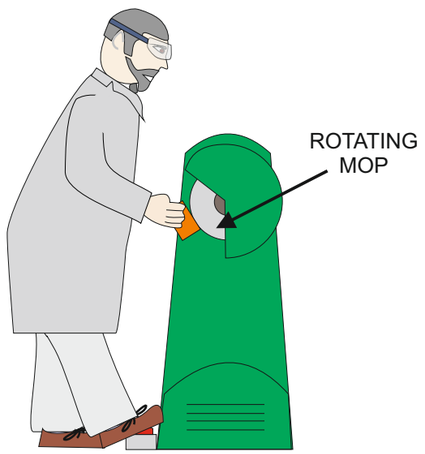
WHAT IS FLOCKING?

PASTE FOUR IMAGES OF FLOCKED PRODUCTS IN THIS BOX.

2

HOW IS A POLISHED FINISH ACHIEVED USING A POLISHING/ BUFFING MACHINE? (AS SEEN BELOW)

YOUR ANSWER



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3

LASER ETCHING IS REGARDED AS A DECORATIVE FINISH FOR PLASTICS. WHAT IS LASER ETCHING?

IN THE SPACE BELOW, PASTE TWO IMAGES OF LASER ETCHED 'POLYMER' PRODUCTS

HELPFUL LINK: http://www.technologystudent.com/mobapps/polymer_finishes1.pdf

ELECTROLESS PLATING OF POLYMERS

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'FINISHES FOR POLYMERS, PROCESSES AND TECHNIQUES' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

LINK

http://www.technologystudent.com/mobapps/polymer_finishes1.pdf

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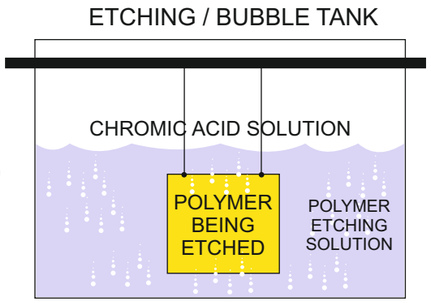
ARE YOU READY?
USE THE MOBILE App!!

1 **BRIEFLY, WHAT IS ELECTROLESS PLATING?**

PASTE TWO IMAGES OF ELECTROLESS PLATED PRODUCTS, IN THIS BOX.

2 **USING NOTES AND SKETCHES / DIAGRAMS, EXPLAIN THE THREE STAGES OF ELECTROLESS PLATING OF POLYMERS.** The first sketch has been added for you.

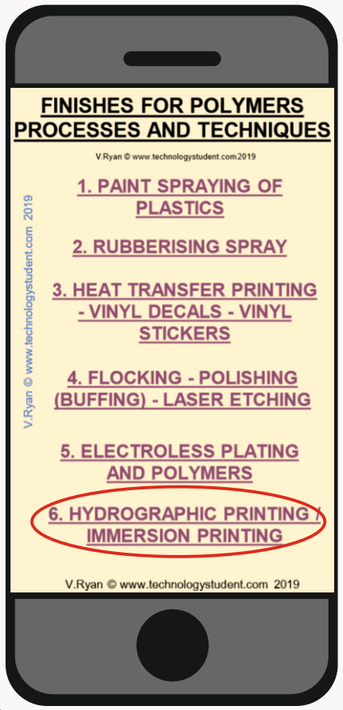
1.



HELPFUL LINK: http://www.technologystudent.com/mobapps/polymer_finishes1.pdf

SMART LEARNING - FOR USE WITH THE MOBILE INTERACTIVE PDF Apps FROM www.technologystudent.com

E



HYDROGRAPHIC PRINTING / IMMERSION PRINTING

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ARE YOU READY?
USE THE MOBILE App!!

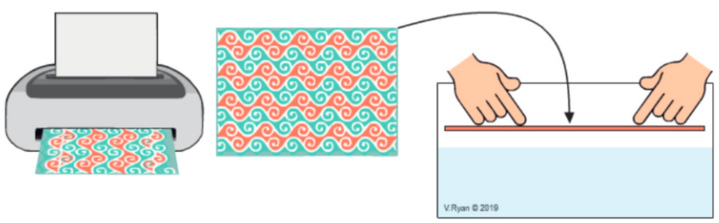
1

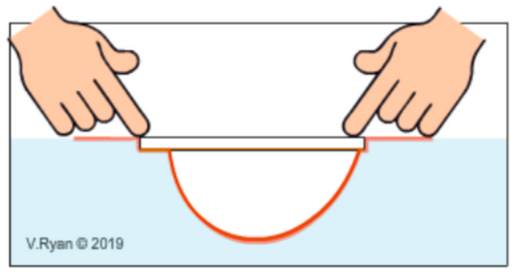
BRIEFLY, WHAT IS HYDROGRAPHIC / IMMERSION PRINTING?

PASTE TWO IMAGES OF PRODUCTS, WITH HYDROGRAPHIC / IMMERSION PRINTED SURFACES, IN THIS BOX.

2

USING NOTES AND SKETCHES / DIAGRAMS, EXPLAIN THE PROCESS OF HYDROGRAPHIC / IMMERSION PRINTING. The first two sketches have been added for you.





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