

Name..... Group..... Mark.....

8.30 - Plastics and Vacuum Forming - PLASTICS

Fill in the blanks using the words and phrases below.

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|--|---|
| <ul style="list-style-type: none"> • Has plastic memory • Can be reshaped by applying heat • Oil • Salt • Once shaped by heat can not be reshaped • Remove heat and raise the platen • Clamp down the thermoplastic, so it is air tight | <ul style="list-style-type: none"> • Place the mould on the platen • Turn off vacuum, let it cool and then take it out • Turn the vacuum on. Plastic forms around the mould. • Water • Apply heat until the plastic softens • Air |
|--|---|

What is plastic made out of?

1. _____ 2. _____ 3. _____ 4. _____ are processed to produce powder, resins and granules.

There are two main type of plastics. They are:

1. Thermoplastic = _____

2. Thermosetting plastic = _____

VACUUM FORMING

Plastics can be formed in many ways. One method of forming thermoplastics is by vacuum forming.

<p style="text-align: center;"><u>Vacuum Forming Machine</u></p>	<p>How to use a vacuum former</p> <p>1. _____</p> <p>2. _____</p> <p>3. _____</p> <p>4. _____</p> <p>5. _____</p> <p>6. _____</p>
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