

PACKAGING - MATERIALS AND FUNCTIONS

V.Ryan © 2000 - 2013

On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet .

THESE MATERIALS CAN BE PRINTED AND USED BY TEACHERS AND STUDENTS.
THEY MUST NOT BE EDITED IN ANY WAY OR PLACED ON ANY OTHER MEDIA INCLUDING WEB SITES AND INTRANETS.
NOT FOR COMMERCIAL USE.
THIS WORK IS PROTECTED BY COPYRIGHT LAW.
IT IS ILLEGAL TO DISPLAY THIS WORK ON ANY WEBSITE/MEDIA STORAGE OTHER THAN www.technologystudent.com

PACKAGING - MATERIALS AND FUNCTIONS

MATERIALS PACKAGING

Materials for typical 'card' packaging:

Box - quality card - 1000 microns (1mm), 920gsm.

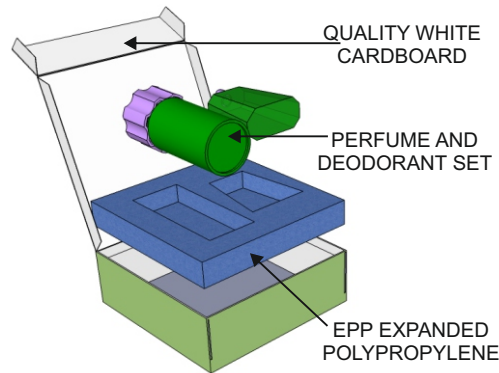
Clear window - Polypropylene, to enable viewing of the products.

Plastic insert - high impact polystyrene (HIPS), to hold the contents securely in position.

Courtesy of www.technologystudent.com

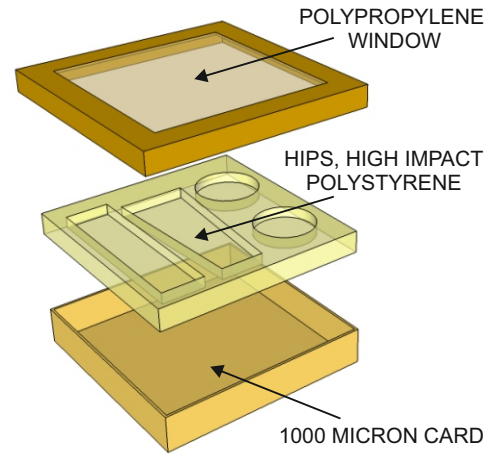
ALTERNATIVE MATERIALS PACKAGING

Expanded Polypropylene is a quality protective insert for packaging.



Courtesy of www.technologystudent.com

MORE PACKAGING MATERIALS



Courtesy of www.technologystudent.com

FUNCTIONS OF PACKAGING

To protect a product from damage or contamination. Protection during Transport and Ease of Transport.

To keep the product together, to contain it (i.e. So that it does not spill).

To identify the product. Name and product clearly identified.

Stacking and Storage. Designed to stack efficiently and easily. No space wasted between each package.

Printed Information. Product name, ingredients, contents, price, bar code etc...

1. Name four materials commonly used in packaging.

4 marks

A: _____

B: _____

C: _____

D: _____

2. Describe three functions of packaging.

6 marks

A: _____

B: _____

C: _____
