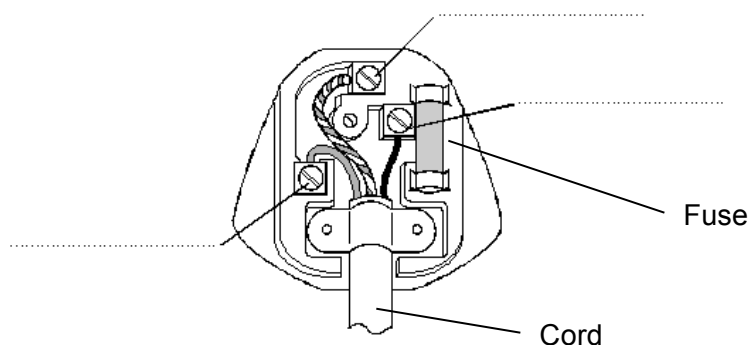


- 1 The diagram shows a three pin plug that is used in the UK.



- 1 (a) (i) Label the parts on the diagram.

(3 marks)

- 1 (b) Name a suitable material that can be used to produce:

The cord

.....

Reason

.....

.....

The pins

.....

Reason

.....

.....

(4 marks)

- 1 (c) (i) State the colour of wire that is connected to the fuse

.....

(1 mark)

1 (c) (ii) The fuse is a device in the plug that is added for safety and reduce the chances of electric shock.

Describe how the fuse works in order to ensure safety when using the plug.

.....

.....

.....

.....

.....

.....

(3 marks)

1 (c) (iii) A hair dryer is made with a double plastic casing. Which wire is not present in the plug of this hair dryer? Circle the correct answer.

Live wire

Earth wire

Neutral wire

Fuse wire

(1 marks)

Total (12 marks)

End of questions