

2017

18. Using a tick (✓) in the table below, identify whether the plastics listed are **Thermoplastic** or **Thermosetting**.



Thermoplastic	Plastic	Thermosetting
	uPVC	
	Nylon	
	Epoxy Resin	
	Acrylic	
	Polythene	



2016

17. (i) Plastics are divided into two main categories.

Name these categories.

CATEGORY 1

CATEGORY 2

(ii) Which category of plastic can be remoulded?

CATEGORY



5A. The diagrams show two views of an acrylic display holder for brochures.

- (i) Using a *neat freehand sketch*, draw the development that would be marked out on the acrylic sheet in order to manufacture this holder.
- (ii) Name the machine that would be used to soften the acrylic so that it can be bent easily to form this holder.
- (iii) Using notes and *neat freehand sketches* describe how you would use the machine to create the bend at **A** to a required angle.
- (iv) The diagrams show holes in the base of the holder. List **THREE** specific safety precautions that should be followed when drilling holes in acrylic.



