

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



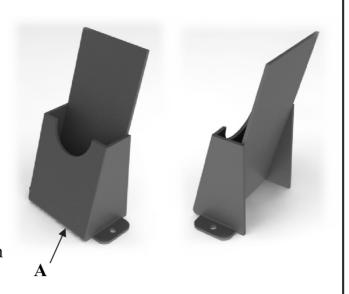
Thermoplastic	Plastic	Thermosetting
	uPVC	
	Nylon	
	Epoxy Resin	
	Acrylic	
	Polythene	



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17. (i) Plastics are divided into two main c	ategories.
Name these categories.	Street Street
CATEGORY 1	ghd
CATEGORY 2	
(ii) Which category of plastic can be rea	moulded?
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.