

D&T Knowledge organiser : Plastics



POLYETHYLENE TEREPHTHALATE



HIGH-DENSITY POLYETHYLENE



POLYVINYL CHLORIDE



LOW-DENSITY POLYETHYLENE



POLYPROPYLENE



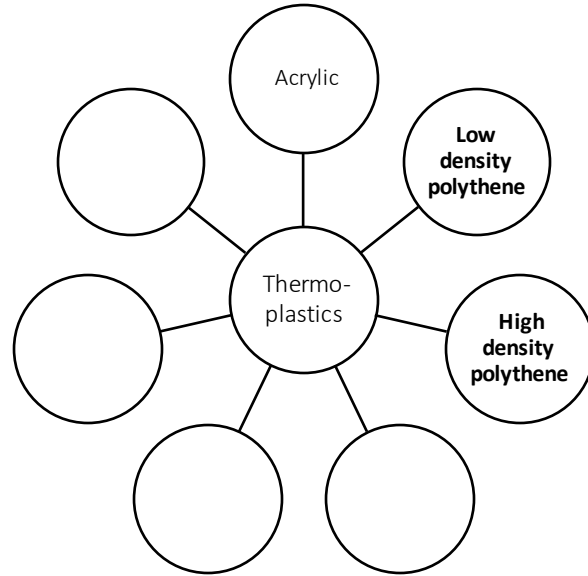
POLYSTYRENE



OTHER

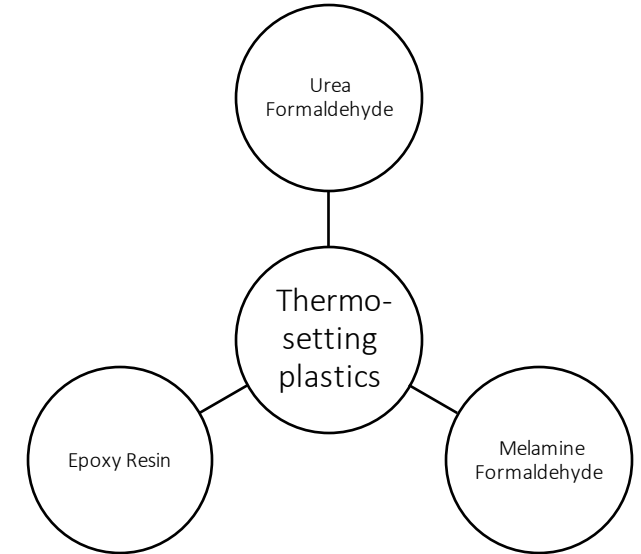
Thermo-forming Plastic

Polymer that when heated, hardens on cooling, and are able to repeat these processes.

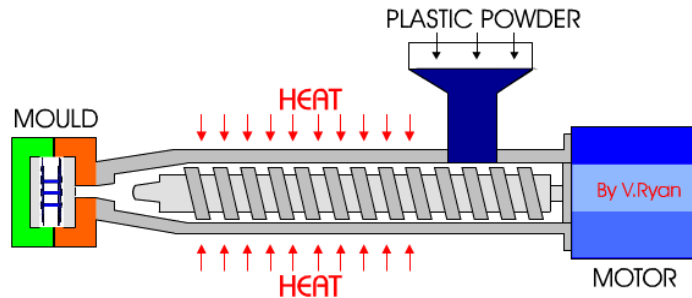


Thermo-setting Plastic

A polymer that is obtained by irreversibly hardening a soft solid or viscous liquid prepolymer.



PLASTIC GRANULES DROPPING ON TO SCREW THREAD



Injection moulding

How are plastics bought? Rods, Sheets and tubes.

