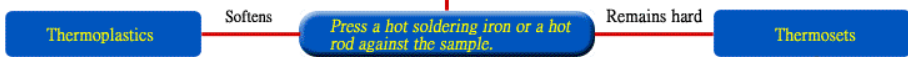
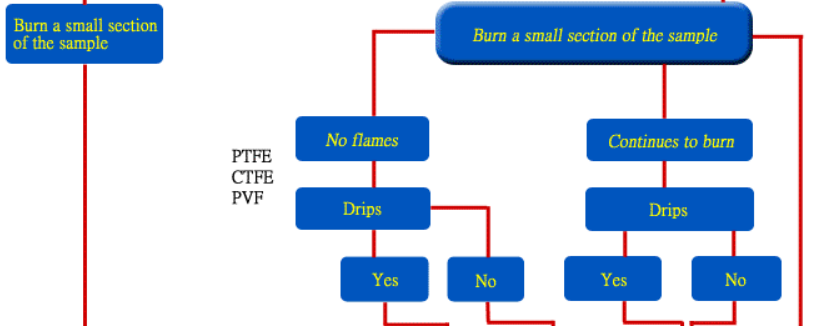




**PLASTIC MATERIALS**



Material Observations	Melamine formaldehyde	Phenol formaldehyde	Urea formaldehyde	Unsaturated polyester	Silicone	Epoxy
Colour of flame	Yellow with blue tip	Yellow	Yellow or green / blue edge	Yellow with blue edges	Bright Yellow	Yellow
Odour	Fish like	Phenol	Formaldehyde	Sour cinnamon	None	Pungent amine
Other Characteristics	Swells and cracks	May or may not be self-extinguishing	Swells and cracks	Black smoke with soot	Continues to burn	Black smoke



Material Observations	PE	PP	TPX	CTFE	PTFE	PVF
Colour of flame	Blue with yellow tip	Blue with yellow tip	Blue	Does not burn	Does not burn	Does not burn
Odour	Paraffin	Acrid or diesel fumes		Acetic acid		Acidic
Speed of burning	Fast	Slow	Fast	Not applicable	Not applicable	Not applicable
Other Characteristics	Scratches with fingernail	Does not scratch with fingernail	Water clear			

PS	HIPS	SAN	ABS	PMMA	POM	Cellulosics	PET	PU
Yellow	Yellow	Yellow	Yellow	Yellow	Blue	Yellow with sparks	Yellow with blue edges	Yellow
Styrene Odour	Styrene and rubber	Styrene and bitter	Bitter and rubber	Methylated spirits	Formaldehyde	Vinegar	Burning rubber	Faint apple
Fast	Fast	Fast	Slow	Fast	Slow	Slow	Fast	Fast
Dense smoke with soot	Black smoke with soot	Black smoke with soot	Black smoke with soot	No smoke	No smoke	Black smoke with soot	Black smoke with soot	Slight black smoke

Material Observations	Nylon	Poly-Sulfone	PC	PPO	PVC
Colour of flame	Blue with yellow tip	Orange	Orange or yellow	Orange yellow	Yellow with green edges
Odour	Burnt wool or hair	Odour of sulphur	Phenol	Phenol	Hydrochloric acid
Speed of burning	Slow	Fast	Slow	Slow	Slow
Other Characteristics	Froths	Black smoke with soot	Black smoke with soot	Difficult to ignite	White smoke