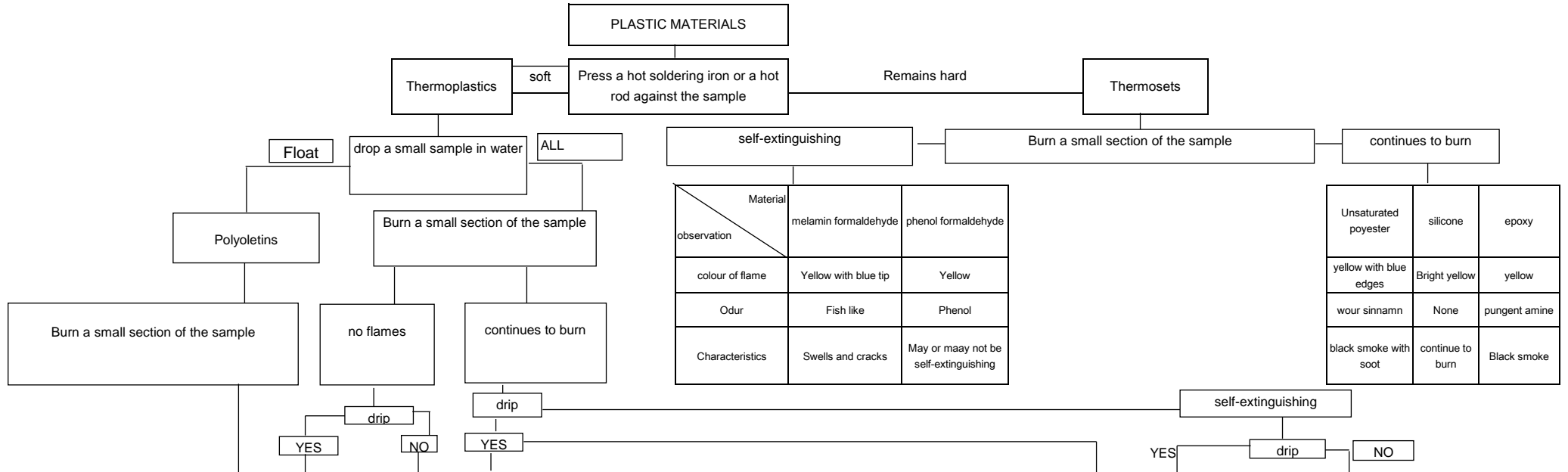


PLASTICS IDENTIFICATION FLOW CHART



material \ observations	PE	PP	TPX	TPX	PTFE	PVF	PS	HIPS	SAN	ABS	PMMA	POM	Cellulosics	PET	PU	Nylon	Poly-sulfone	PC	PPO	PVC
colour of flame	blue with yellow tip	blue with yellow tip	blue	does not burn	does not burn	does not burn	yellow	yellow	yellow	Yellow	Yellow	blue	Yellow with spards	yellow & blue edges	yellow	Blue with yellow tip	Orange	Orange or yellow	orange yellow	yellow & green edges
odour	paraffin	acidic or diesel fumes		acetic	acetic	acidic	Styrene odour	Styrene and rubber	Styrene and bitter	Styrene and rubber	Methylated spirits	formaldehyde	Vinegar	Burning rubber	faint apple	Burnt wool or hair	Odour of sulphur	Phenol	Phenol	Hydrochloric acid
speed of burning	fast	Slow	fast	not applicable	not applicable	not applicable	Fast	Fast	Fast	Slow	Fast	slow	Slow	fast	fast	Slow	Fast	Slow	Slow	Slow
other characteristics	scratches with fingernail	does not scratch with fingernail	water clear				dense smoke with soot	Black smoke with soot	Black smoke with soot	NO SMOKE	NO SMOKE	No smoke	NO smoke	Black smoke with soot	slight black smoke	Froths	Black smoke with soot	Black smoke with soot	difficult to ignite	white smoke