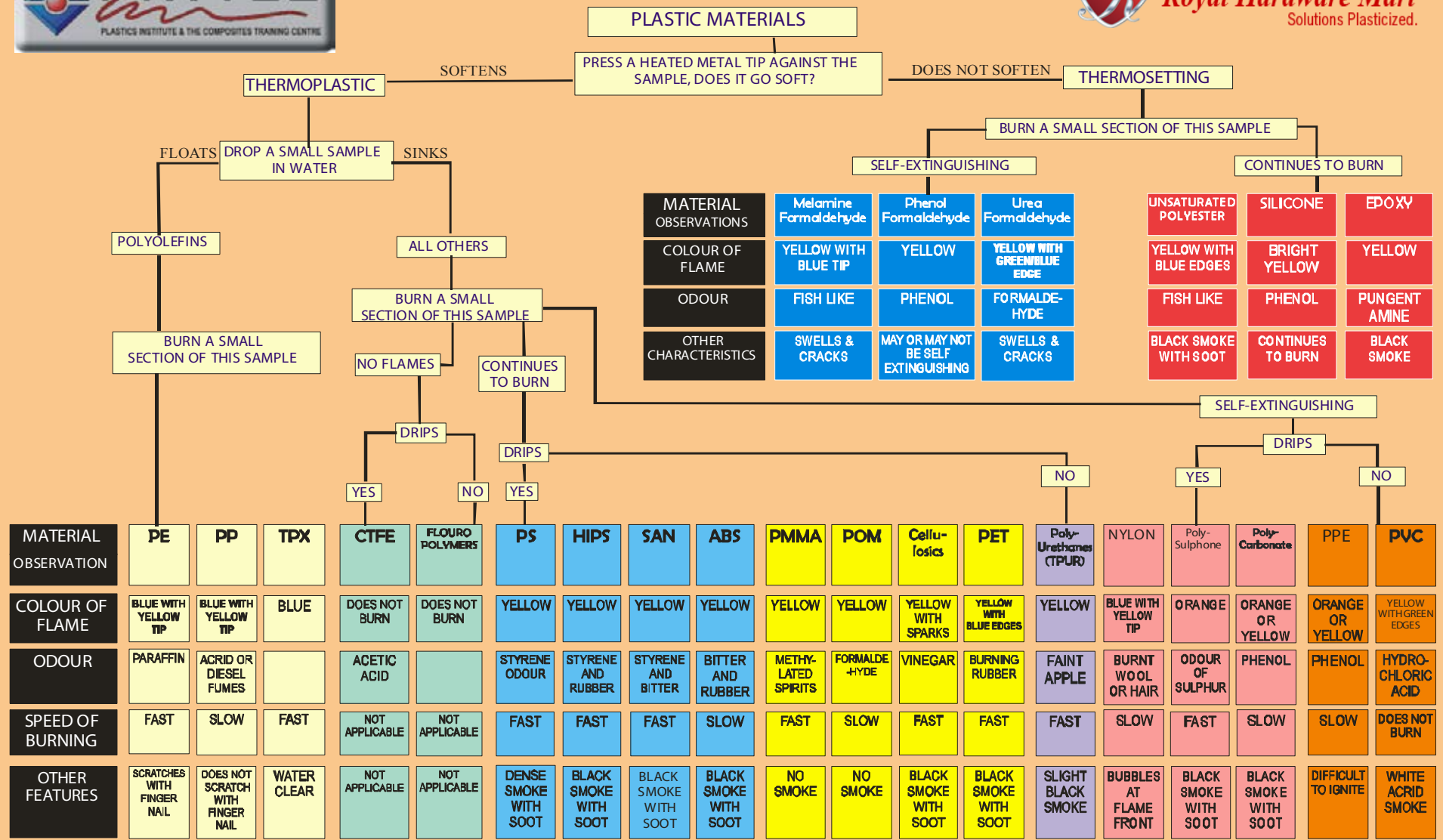


PLASTICS IDENTIFICATION FLOW CHART



| | PE | PP | TPX | CTFE | FLOURO POLYMERS | PS | HIPS | SAN | ABS | PMMA | POM | Cellulose | PET | Poly-Urethanes (TPUR) | NYLON | Poly-Sulphone | Poly-Carbonate | PPE | PVC |
|-----------------------------|----------------------------|-----------------------------------|-------------|----------------|-----------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|-----------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------------|-------------------------|
| MATERIAL OBSERVATION | PE | PP | TPX | CTFE | FLOURO POLYMERS | PS | HIPS | SAN | ABS | PMMA | POM | Cellulose | PET | Poly-Urethanes (TPUR) | NYLON | Poly-Sulphone | Poly-Carbonate | PPE | PVC |
| COLOUR OF FLAME | BLUE WITH YELLOW TIP | BLUE WITH YELLOW TIP | BLUE | DOES NOT BURN | DOES NOT BURN | YELLOW | YELLOW | YELLOW | YELLOW | YELLOW | YELLOW | YELLOW WITH SPARKS | YELLOW WITH BLUE EDGES | YELLOW | BLUE WITH YELLOW TIP | ORANGE | ORANGE OR YELLOW | ORANGE OR YELLOW | YELLOW WITH GREEN EDGES |
| ODOUR | PARAFFIN | ACRID OR DIESEL FUMES | | ACETIC ACID | | STYRENE ODOUR | STYRENE AND RUBBER | STYRENE AND BITTER | BITTER 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 | FAST | FAST | FAST | SLOW | FAST | SLOW | FAST | FAST | FAST | SLOW | FAST | SLOW | SLOW | DOES NOT BURN |
| OTHER FEATURES | SCRATCHES WITH FINGER NAIL | DOES NOT SCRATCH WITH FINGER NAIL | WATER CLEAR | NOT APPLICABLE | NOT APPLICABLE | 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 | BUBBLES AT FLAME FRONT | BLACK SMOKE WITH SOOT | BLACK SMOKE WITH SOOT | DIFFICULT TO IGNITE | WHITE ACRID SMOKE |