








VISUAL PROPERTIES

| TYPE & NAME | PROPERTIES | COMMON USE | BURNING |
|--|--|--|---|
|  PET Polyethylene Terephthalate | Clear, tough, solvent resistant, barrier to gas and moisture, softens at 80° | Soft drink, water bottles, salad domes, biscuit trays, food containers | Yellow flame, little smoke |
|  HDPE High-Density Polyethylene | Hard to semi-flexible, resistant to chemicals and moisture, waxy surface, softens at 75° | Shopping bags, freezer bags, milk bottles, juice bottles, ice-cream containers, shampoo crates | Difficult to ignite, smells like a candle |
|  PVC Polyvinyl Chloride | Strong, tough, can be clear and solvent, softens at 60° | Cosmetic containers, electrical conduit, plumbing pipes, blister packs, roof sheeting, garden hose | Yellow flame, green spurts |
|  LDPE Low-Density Polyethylene | Soft, flexible, waxy surface, scratches easily, softens at 70° | Cling wrap, garbage bags, squeeze bottles, refuse bags, mulch film | Difficult to ignite, smells like a candle |
|  PP Polypropylene | Hard but still flexible, waxy surface, translucent, withstands solvents, softens at 140° | Bottles, ice-cream tubes, straws, flower pots, dishes, garden furniture, food containers | Blue yellow tipped flame |
|  PS Polystyrene | Clear, glassy, opaque, semi-tough, softens at 95° | CD cases, plastic cutlery, imitation glass, foamed meat trays, brittle toys | Dense smoke |
|  OTHER All Other Plastics | Properties depend on the type of plastic | Automotive, electronics, packaging | All other plastics |



**A PLACE FOR
PLASTIC**

aplaceforplastic.com.au