

# VISUALS PROPERTIES

Type & Name	Properties	Common use	Burning
 <b>PET</b> POLYETHYLENE TEREPHTHALATE	Clear, Tough, Solvent Resistant, Barrier To Gas And Moisture, Softens At 80°	Soft Drink, Water Bottles, Salad Domes, Bisquit Trays, Food Containers.	Yellow Flame Little Smoke
 <b>HDPE</b> 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, Icecream Containers, Shampoo, Crates.	Difficult To ignite smells like candle
 <b>PVC</b> 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
 <b>LDPE</b> 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 Candle
 <b>PP</b> POLYPROPYLENE	Hard But Still Flexible, Waxy Surface, Translucent, Withstands Solvents, Softens At 140°	Bottles, Icecream Tubes, Straws, Flower- Pots, Dishes, Garden Furniture, Food Containers.	Blue Yellow Tipped Flame
 <b>PS</b> POLYSTYRENE	Clear, Glassy, Opaque, Semi Tough, Softens At 95°	CD Cases, Plastic Cutlery, Imitation Glass, Foamed Meat Trays, Brittle Toys.	Dense Smoke
 <b>OTHER</b> ALL OTHER PLASTICS	Properties Depend On The Type Of Plastic	Automotive, Electronics, Packaging	All Other Plastics

