









# The Plastic Identification Code

Symbol	Type of Plastic	Properties	Common Uses	Recycled In
 PET	<b>PET</b> Polyethylene Terephthalate	Clear, tough, solvent resistant, barrier to gas and moisture, softens at 80°C	Soft drink and water bottles, salad domes, biscuit trays, salad dressing and peanut butter containers	Pillow and sleeping bag filling, clothing, soft drink bottles, carpet
 PE-HD	<b>PE-HD</b> High Density Polyethylene	Hard to semi-flexible, resistant to chemicals and moisture, waxy surface, opaque, softens at 75°C, easily coloured, processed and formed	Crinkly shopping bags, freezer bags, milk bottles, ice cream containers, juice bottles, shampoo, chemical and detergent bottles, buckets, rigid agricultural pipe, milk crates	Recycling bins, compost bins, buckets, detergent containers, posts, fencing, pipes
 PVC	<b>PVC</b> Unplasticised Polyvinyl Chloride PVC-U  Plasticised Polyvinyl Chloride PVC-P	Strong, tough, can be clear, can be solvent welded, softens at 80°C  Flexible, clear, elastic, can be solvent welded	Cosmetic containers, electrical conduit, plumbing pipes and fittings, blister packs, wall cladding, roof sheeting, bottles  Garden hose, shoe soles, cable sheathing, blood bags and tubing, watch straps	Flooring, film and sheets, cables, speed bumps, packaging, binders, mud flaps and mats
 PE-LD	<b>PE-LD</b> Low density Polyethylene	Soft, flexible, waxy surface, translucent, softens at 70°C, scratches easily	Glad wrap, garbage bags, squeeze bottles, black irrigation tube, black mulch film, garbage bins	Rubbish bin liners, pallet sheets
 PP	<b>PP</b> Polypropylene	Hard but still flexible, waxy surface, softens at 140°C, translucent, withstands solvents, versatile	Dip pottles and ice cream tubs, potato chip bags, straws, microwave dishes, kettles, garden furniture, lunch boxes, blue packing tape	Pegs, bins, pipes, pallet sheets, oil funnels, car battery cases, trays
 PS	<b>PS</b> Polystyrene	Clear, glassy, rigid, brittle, opaque, semi-tough, softens at 95°C. Affected by fats and solvents	CD cases, plastic cutlery, imitation 'crystal glassware', low cost brittle toys, video cases	Coat hangers, coasters, white ware components, stationery trays and accessories
 PS-E	<b>PS-E</b> Expanded Polystyrene	Foamed, light weight, energy absorbing, heat insulating	Foamed polystyrene hot drink cups, hamburger take-away clamshells, foamed meat trays, protective packaging for fragile items	
 OTHER	<b>OTHER</b> Letters below indicate ISO code for plastic type e.g. SAN, ABS, PC, Nylon	Includes all other resins and multi materials (e.g. laminates) Properties dependent on plastic or combination of plastics	Car parts, appliance parts, computers, electronics, water cooler bottles, packaging	Car parts, concrete aggregate, plastic timber