








Plastic Identification Codes

										
Abbreviation(s)	PET	HDPE	UPVC	PPVC	LDPE	LLDPE	PP	PS	EPS	
Name(s)	Polyethylene Terephthalate	High Density Polyethylene	Unplasticised Polyvinyl Chloride	Plasticised Polyvinyl Chloride	Low Density Polyethylene	Linear Low Density Polyethylene	Polypropylene	Polystyrene	Expanded Polystyrene	Other
Description	Clear, tough, solvent resistant. Used for rigids, sheets and fibres	Hard to semi-flexible, waxy surface, opaque	Hard rigid, can be clear, can be solvent welded	Flexible, clear, elastic, can be solvent welded	Soft, flexible, waxy surface translucent, withstands solvents		Hard, flexible, wide range of properties, good chemical resistance	Glassy, rigid, brittle, opaque semitough, Affected by fats and solvents	Foam, light weight, energy absorbing, heat insulating	Includes all other resins eg ABS, Acrylic, Nylon, Polyurethane, Polycarbonate, Acetal.
Softening Temp C	85	135	70 - 100	70 - 100	115		165	90	90	
SG (Specific Gravity)	1.38	0.96	1.4	1.35	0.92		0.9	1.06	0.90 - 0.93	
APPLICATIONS: Virgin Grades	carbonated soft drink bottles, fruit juice bottles, pillow and sleeping bag filling, textile fibres	shopping bags, freezer bags, milk bottles, bleach bottles, buckets, rigid agricultural pipe, drums	electrical conduit, plumbing pipes and fittings, blister packs, clear cordial and fruit juice bottles	garden hose, shoe soles, cable sheathing, blood bags and tubing, watch straps, rain wear	garbage bags, squeeze bottles, black irrigation tube, silage and mulch films, garbage bins		film, carpet fibre, automotive, toys, housewares, crates, bottles, buckets, pots, furniture, rigid packaging	refrigerator bins & crispers, stationery accessories, coat hangers, meat & poultry trays, yoghurt & dairy containers	drinking cups, meat trays, clamshells, panel insulation, produce boxes, protective packaging for fragile items	automotive, aircraft and boating, furniture, electrical and medical parts
APPLICATIONS: Recycled grades	clothing, geotextiles, bottles for detergents etc., laminated sheets, clear packaging film, carpet fibres	agricultural pipes, pallets, bins, extruded sheet, garden edging, household bags, oil containers, pallets	pipe and hose fittings, garden hose, electrical conduit, shoes, road cone bases, drainage pipes, electrical conduit and ducting, detergent bottles		builders film, reticulation pipe, nursery & other films		crates, pots, compost bins, garden edging, irrigation fittings, building panels	moulded products, coat hangers, office accessories, spools, rulers, video cases and printer cartridges	picture frame mouldings, under slab void pods for buildings	furniture fittings, wheels and castors fence posts, pallets, outdoor furniture and marine structures.
Examples of Materials Recycled	strapping soft drink bottles	drums bins and lids pallets crates food containers ag pipe pressure pipe drill caps extrusion waste ibc liners shadecloth	elect cable cover conduit bottles	blister packs tubing bags	film shopping bags bubble wrap pallet wrap		crates food containers m/wave cookware tupperware cable reels bumper bars corflute pot plants bulka bags feed bags extrusion waste baling string	coat hangers picture frames	packaging eskies food boxes	shop signs (acrylic) cable reels (abs) safety helmets (abs) water bottles (pc) roof sheeting (pc)
Can Claw Recycle these materials ?	Contract Process	Yes	No	No	Rigid LLDPE and Contract Process		Yes	Some	Yes	Contract Process



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