



MATERIALS MATRIX – SINGLE USE PLASTICS

Material	Abbreviation	Material Type	Renewable Material	Freezer Safe -18 deg C	Heat Safe + 80 deg C	Microwave	Compostable (Industrial)	Recyclable	Recycle Code	Products
Polythene Terephthalate	PET	Thermoplastic Polymer	☹️	😊	☹️	😊	☹️	😊	1	Bottles, Cups, Salad Bowls & Lids
Recycled Polythene Terephthalate	RPET	Recycled Thermoplastic Polymer	☹️	☹️	☹️	☹️	☹️	😊	1	Bottles, Cups, Salad Bowls & Lids
Polyethylene	PE	Thermoplastic Polymer	☹️	😊	☹️	☹️	☹️	😊	1	Plastic Bags, Lining for Coffee Cups
High Density Polyethylene	HDPE	Thermoplastic Polymer	☹️	😊	☹️	☹️	☹️	😊	2	Plastic Bottles, Chemical Containers, Lids
Polyvinyl Chloride	PVC	Plastic Polymer	☹️	☹️	☹️	☹️	☹️	😊	3	Bottles, Bags
Low Density Polyethylene	LDPE	Thermoplastic Polymer	☹️	😊	☹️	☹️	☹️	😊	4	Food Containers, Lids & Bottles
Polypropylene	PP	Thermoplastic Polymer	☹️	☹️	😊	😊	☹️	😊	5	Tumblers, Straws, Bags Food Containers
Polystyrene	PS	Thermoplastic Polymer	☹️	😊	😊	☹️	☹️	☹️	6	Cutlery, Drinkware & Tableware

The above table shows the features of each of the single use plastic materials. It should be noted that some materials can be used in re-usable products, this will not affect their recyclability but may improve performance at higher or lower temperatures due to increased thickness