

Recycle code number	Name	Abbreviation	Nickname	Applications:	Typical Mil Range		Typical Temp Range		Cost	Post Consumer Recycled content? (all are recyclable)
1	Polyethylene Terephthalate	PET, PETE, APET, RPET, PCPET	Polyester	Same as used in soda and water bottles. Good application for trays and clamshells. Most recycled plastic there is because of the soda and water bottles. Great acidic resistance and good gas and moisture barrier properties. Soft and pliable. Clear, black and white are most common but can be colored. Good clarity.	9	60	0	135	\$	Post consumer up to 100% (PCRPE), Post industrial (RPET) very common. Both typically a blend with virgin material.
1	Crystalized Polyethylene Terephthalate	CPET		For use in ovens; same as above. Opaque or black in color. Often referred to as "Dual Ovenable"	12	35	0	400	\$\$\$	no
3	Polyvinyl Chloride	PVC	Vinyl	Easy to work with, good acidic and chemical resistance, soft and pliable. Has a bad name in the market. Commonly used in clamshells and retail packaging.	7	38	0	135	\$	no
3	Polyvinyl Chloride; Cold Crack	PVC		same as above but has an additive to give it excellent freezer resistance.	7	38	-30	135	\$	no
5	Polypropylene	PP	PolyProp	Primarily used in microwavable applications for ready to eat meals. Excellent strength and resistance to heat, grease, oil, and chemicals. Excellent yield. Typically black or "clarified" (hazy, good contact clarity).	14	38	0	230	\$	no
5	Filled Polypropylene	PP		same as above but with a higher heat range. Typically filled with Talc or Calcium Carbonate. Black.	14	38	10	275	\$	no
6	Polystyrene	OPS, BOPS, PS	Styrene	Great application for candy trays and bakery products including clamshells, muffin containers, etc. Poor resistance to acids (fruits). Excellent clarity and poor barrier properties for gases. Commonly metallized for a gold or silver look. Available in most colors.	6	22	0	175	\$	no
6	Freeze Flex OPS	OPS, BOPS, PS	Styrene	Same as above but with a much lower freezer resistance. Typically opaque in color.	6	22	-40	165	\$	no
6	High Impact Polystyrene	HIPS, PS	Styrene	Great application for fresh frozen bakery items such as mousse, tarts, etc. Poor resistance to acids (fruits). HIPS is opaque and is commonly colored to match customer needs.	10	40	-30	150	\$\$	no
7	Other			All other types of plastics including acrylics, thermoset materials and all laminates of different types of plastics. Typically not recyclable.						
7	Poly Lactic Acid (Falls into the "Other" category)	PLA		Compostable in a commercial composting facility. Typically used for food trays. Has a poor resistance to heat as heat is required to break it down in the composting process. Made from GMO corn.	10	30	0	120	\$\$	no