

## Recyclable Waste



Clear and colored glass,  
glass fragments



Clear and colored bottles,  
opaque bottles, plastic cups



Carboard boxes,  
paper, newspaper



Cans, metal utensils

Before putting a PET bottle in a recycling waste bin,  
let's follow these steps

**1** Empty your bottles



**2** Squash the bottle  
and put the cap on



**3** Dispose in  
recycling bin



Remember! Do not put other types of waste into a plastic bottle  
because it will affect the recycling process

## Hazardous Waste



Light bulbs,  
batteries,  
electronics,  
chemical cans.

## General Waste



Snack bags,  
dirty utensils,  
ice cream sticks,  
skewers

## Organic Waste



Food waste,  
utensils  
made from  
organic materials



Organic  
waste bin



General  
waste bin



Hazardous  
waste bin



Recyclable  
waste bin



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Indorama Ventures PCL  
75/102 Ocean Tower 2, 37th Floor, Sukhumvit Soi 19, Bangkok 10110 Thailand  
Tel +66 2 661 6661 Fax +66 2 661 6664 www.indoramaventures.com

# There are 4 types of waste bins

Do you know where to  
put your trash?

Waste separation is also a way to save the environment  
Let's put our waste in the correct bin!



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Let's find out about  
types of plastic

**Recycling PET**

and

**Waste separation**



PET  
**100%**  
RECYCLE

There are **7** types of plastics we use in daily life.

How do we know what type of plastic this is?

Notice the number inside the triangular recycling symbol, it represents each type of plastic.

## What are the 7 types of plastic?



### **PET** Polyethylene Terephthalate

Clear and transparent, possibly coloured. Used for food and drinks packaging, pharmaceutical packaging, electronics and more.



### **HDPE** High-density Polyethylene

Translucent or opaque, tough and tensile with high flexibility, resistant to chemicals and low permeability. Used for milk bottles, yoghurt cups, container for laundry detergent, shampoo and more.



### **PVC** Polyvinyl Chloride

Opaque or clear, resistant to chemicals, high strength, brittle, flame resistant. Used for water pipes, electricity insulation, artificial leather, PVC doors and more.



### **LDPE** Low-density Polyethylene

Transparent, malleable and tensile. Used for frozen food packaging, ziplock bags, cooler bags, shockproof plastic and more.



### **PP** Polypropylene

Heat resistant, suitable for storing fresh and frozen food and Microwaveable. Used for food containers, cooler box, drinking straws and more.



### **PS** Polystyrene

Transparent, brittle, resistant to chemicals, high moisture and air permeability. Used for electronic components, office equipment, foam utensils, clothes hangers and more.



### **OTHERS**

Other plastics which are not included in the first 6 such as white translucent plastic (polycarbonate), Baby cups, Fiberglass, Bio Plastic cup and more.

1

Dispose of your empty PET bottle in a recycling waste bin.



2

The collector will take the bottles and compress them into bales.



3

The PET bales are cleaned and cut into plastic flakes.



4

Flakes are melted and molded into pellets.



5

PET pellets are melted and formed into food and drink packaging,

or

spun into fiber for fabric.



Did you know that clear and coloured PET bottles cannot be recycled together? They must be separated before being recycled individually.

You can't come with me!



## PET Recycling Process