



PETE

Polyethylene Terephthalate (PET)

Used for: Most plastic drinks bottles.

Recycled into: Plastic bottles and can be turned into polyester and these fibres can be woven together to make durable carpets and warm winter clothes such as fleeces.

High-Density Polyethylene (HDPE)

Used for: Bottles containing chemicals such as shampoo or bleach.

Recycled into: Plastic crates and flower pots are among the useful things that can be made from recycled HDPE.



HDPE



PVC

Polyvinyl Chloride (PVC)

Used for: Modern plastic window frames and plumbing pipes.

Recycled into: PVC can be recycled and the reformed plastic has industrial uses. It is often used as a flooring material.

Low-Density Polyethylene (LDPE)

Used for: Plastic bags.

Recycled into: Low density plastic used for wrapping sandwiches and carrying groceries. Can be recycled into a higher density product out of which garden furniture and rubbish bins can be formed.



LDPE



PP

Polypropylene (PP)

Used for: Tupperware and bottle tops.

Recycled into: All sorts, including ice scrapers and even bike racks!

Polystyrene (PS)

Used for: Packaging

Recycled into: Polystyrene is one of the trickiest plastics to recycle as the process uses a lot of energy. Recycled PS can be used as insulation for walls and roofs.



PS



OTHER

Everything Else

Used for: E.g. polycarbonate, which is used in roofing, and polylactide, which is used in 3D printing.

Recycled into: Most can be effectively recycled into plastic lumber which has multiple industrial uses.