

What Happens to your Lids?

Lids can be made from many different types of plastic, but they are primarily made from the polyolefin family. Polyolefin properties include durability, heat resistance, non-toxic and able to withstand most kinds of chemicals. Polypropylene and Polyethylene are the most commonly used polyolefins.



High Density Polyethylene (HDPE)
(lids, bins, drums, pipe, pallets)



Low Density Polyethylene (LDPE)
(lids, shrink wrap, plastic bags)



Polypropylene (PP)
(lids, plant pots, food tubs, corflute)



Remove Contamination & Size Reduction

Initially most of the contamination is removed by washing the lids in a sink/float tank.

The plastic is then reduced in size to granules less than 15 mm. It's then rewashed to remove further contamination and dried to remove any moisture.



Pelletise

The plastic is heated and filtered, then cut into pellets the size of a rice grain.



Manufacture

This final product is now ready for use in the manufacture of new products.

These are stirrups used for holding metal bars in concrete walls and floors.