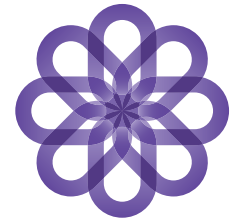




Case Study: Environmental



OnePlastics Group™

Moulding the future

Background

One of our clients utilises blank filler parts in their systems. These are shipped to the end customer and installed.

When the customer upgrades their system, these parts are removed and components are put in their place.

Problem

The fillers are made from PC+ABS. In the world of kerbside recycling, PC+ABS is not easily recycled in a normal household recycling bin.

Solution

Protech redesigned the part to be suitable for PP, and sourced a PP resin to meet the UL requirements of the client.

Because of the redesign, and the density difference in the resin, we had the added benefit of making the part lighter.

Result:

The result now delivers:

- A part which is fully recyclable in any kerbside recycling bin
- Lighter, with less material, and fewer resources to manufacture

