

CD Recycling

CDs are 100% recyclable.

Recycled waste that would otherwise go to landfill can be reduced and provide useful raw materials for new product manufacture. If you have a number of CDs to dispose of, do a quick search on the internet for 'cd recycling'. You can give your unwanted (but working) discs such as albums or films to a charity for fundraising, or there is even one website that turns your old cds into clocks

Polymer Recycling Ltd (PRL) provides a secure, non-chemical process for the destruction of CDs and CD-ROMs. All components of the CDs are recycled, including packaging.

How it's done:

Step 1

Once received by PRL, the CDs are sent to secure decollation centres. CDs are separated from cases and physically damaged, therefore rendering them unsuitable for black market sales.

Step 2

Paper waste is baled and pulped to be sold on to produce other paper based products.

Step 3

The jewel case is granulated and fed into an extrusion system, fitted with laser filters for contaminant removal.

This produces a crystal polystyrene pellet, which can be used for the manufacture of new CD jewel cases, artificial wood and packaging and insulating foam.

Step 4

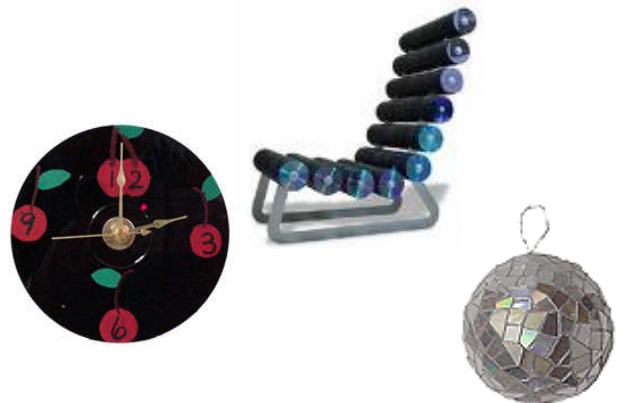
Via a chemical free method, the paint, aluminium and data are removed to be reused in insulation materials.



Step 5

The resultant disc is then granulated and compounded into injection grade quality polycarbonate. This can then be used to produce burglar alarm boxes, street lighting lenses, PIR's and motor vehicle reflectors.

More creative ways of recycling your old CDs!



Reduce and Re-use

- By choosing rewritable CDs or writable and rewritable DVDs for computer work, larger amounts of information can be stored with less material, thereby reducing the number of CDs that need to be recycled.
- CDs have been used to make solar concentrators to boost solar panel and solar furnace output in rural New Mexico. One concentrator requires 300 CDs!
- Old CDs can be put to use in a number of different craft projects, such as making coasters, disco balls or Christmas tree decorations.
- Scratched CDs can sometimes be repaired by using a mild abrasive (like toothpaste) on them.
- Give your working but unwanted CDs to your friends or donate them to a charity such as Oxfam or Help the Aged.



Links

Polymer Recycling

www.polymerrecycling.co.uk

Supplies a comprehensive, secure & environmentally friendly recycling service to the global media industry, with an objective of returning 100% of the material back into new applications.

Poly C. Reclaimers

www.plasticwaste.co.uk

Specialised recyclers for all plastics, including CDs

