



electricity to run —helping the environment as well as reducing running costs



Freedom of design: Whatever the designer dreams up, plastics can deliver. They can be any colour — transparent, translucent or opaque; any texture —matte to eliminate glare in the office, smooth for easily cleaned kitchen equipment or non-slip for handles. Plastics are ideally suited to the ergodynamic curves which make modern tools easy and safe to use.

Durable: Plastics are hygienic, hardwearing and easily cleaned and maintained. They do not corrode, like metals, or rot like other organic materials. They are oil- and acid-resistant, an important property for tools and can be made shatter-resistant.

Energy-efficient: Plastics consume just 4% of oil production. They take less energy — and therefore fossil fuel — to make than most traditional materials. This makes them cheaper to make and buy, as well as benefiting the environment by conserving resources.

Recyclable: When products have reached the end of their useful lives, many of the plastic components can be recycled, to give them a second life and thus save energy and raw materials. ICER (see below) is promoting and developing recycling facilities in the UK. Waste plastics can also be incinerated in purpose-built, clean-burning power stations to generate electricity.

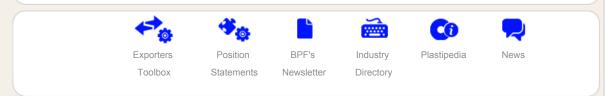
Working For The Environment - ICER

The Industry Council for Electronic Equipment Recycling (ICER) was founded in 1992 by a consortium of companies including household names such as Boots, CL, IBM, BT and the BPF. It aims to oversee the development of recycling facilities for electrical and electronic equipment in the UK. Telephones are already recycled in large numbers and computer equipment is following suit.

For further information on ICER - Click Here

- What Plastics Are Used In Electrical Equipment?
- Acrylonitrile butadiene styrene telephone handsets, keyboards, monitors, computer housings
- Aikyd resins circuit breakers, switch gear
- Amino resins lighting fixtures
- Epoxy resins electrical components
- Ethylene vinyl acetate freezer door strips, vacuum lean hoses, handle-grips
- Phenol formaldehyde fuse boxes, knobs, switches, handles
- Polyacetal business machine parts
- Polyamide food processor bearings, adaptors
- Polycarbonate telephones
- Polyesters business machine parts, coffee machines, toasters
- Polyethylene cable & wire insulation
- Polymethyl methacrylate hi-fi lids, windows on tape decks
- Polymethyl pentane circuit boards, microwave grills
- Polyphenylene oxide coffee machines, TV housings
- Polyphenylene suiphide hairdryer grilles, element bases, transformers
- Polypropylene kettles
- Polystyrene refrigerator trays/linings, TV cabinets
- Polysulphone microwave grills
- Polytetrafluoroethene electrical applications
- Polyvinyl chloride cable and wire insulation, cable trunking
- Styrene acrylonitrile hi-fi covers
- Urea formaldehyde fuse boxes, knobs, switches





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