

Coolmorph™

Coolmorph™ is a new thermoplastic polymer which melts at 42°C and consists of small off-white plastic granules. By heating these granules in warm water (usually from a hot tap or similar) the user can easily melt the pellets to form a transparent flexible material. Once melted, the opaque white pellets fuse together, become transparent and soften, allowing the user to form the plastic by hand into unique shapes, easily and at a comfortable temperature.

Instructions

- Simply heat the pellets in water to over 42°C (water from a hot tap typically).
- Leave the pellets to melt in the water until they turn transparent
- Remove the pellets from the water and mould by hand (add colour at this stage if required)
- Allow the Coolmorph™ to cool until hardened
- Re-heat if further moulding is required

Details

- Fully biodegradable (in soil conditions)
- Will not degrade in normal conditions
- 100% non-toxic
- Re-usable as many times as required
- Melts at temperatures over 42°C (only use water)
- Easy to mould
- Very strong once hardened
- Unlimited uses

Coolmorph™ has unlimited uses, from prototyping new products, creating gadgets and toys to forming replacement parts and general DIY repairs. Coolmorph™ appeals to almost everyone and it's low melting point makes it easier and safer to use than ever before, allowing your imagination to create new and impressive products and gadgets, or for simply messing around with. Coolmorph™ can be used by kids from the age of 6yrs+ if supervised by an adult. Adding colour to Coolmorph™ or painting finished products allows an even more impressive range of shapes and ideas to be created.