

- Chopping into small flakes
- Washing to remove impurities
- Turned into new materials by melting and remoulding

COMBUSTION FOR ENERGY PRODUCTION

- Burning polymers produces heat energy
- Making electricity

FEEDSTOCK FOR CRACKING

- Converting polymers into synthesis gas
- Synthesis gas can be used as a fuel at oil refineries

RECYCLING PVC

- Problematic because of high chlorine content
- Combustion of PVC releases acidic hydrogen chloride fumes

INCINERATION

- Incinerators minimise the release of harmful emissions

BIODEGRADABLE AND COMPOSTABLE POLYMERS

- Derived from renewable materials (maize, starch etc.)
- Non-hazardous processes
- Degrade naturally

Preview from Notesale.co.uk
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