



## Recycled PET Flake 瓶片

### SUPPLIERS

- \* Post industrial materials are supplied by preform manufacturers, bottle blowers as well as soft drink, mineral water, edible oil and home products bottles.
- \* Post consumption material is supplied by municipalities with waste management programs.

**INDUSTRIAL PROCESS:** a production capacity of 500 Tns. per month preforms and bottles are classified, grinded and according to our customers' requirements, washed, rinsed, dried and recrystalized before packaged in big bags.

The process is performed in several grinding machines equipped with metal detectors, a three stage washing and rinsing system, a hot air drying tunnel and recrystalizing equipment.

### CUSTOMERS

Our local customers are manufacturers of film for thermoforming, monofilaments, synthetic fibers, plastic wood, resins and advertising and promotional material.

Recycled Pet is suitable to manufacture most articles where other plastics are used except those in direct contact with medicines and edibles.

### PRODUCTS

A) Virgin Resin (Off Spec, Sweeping)

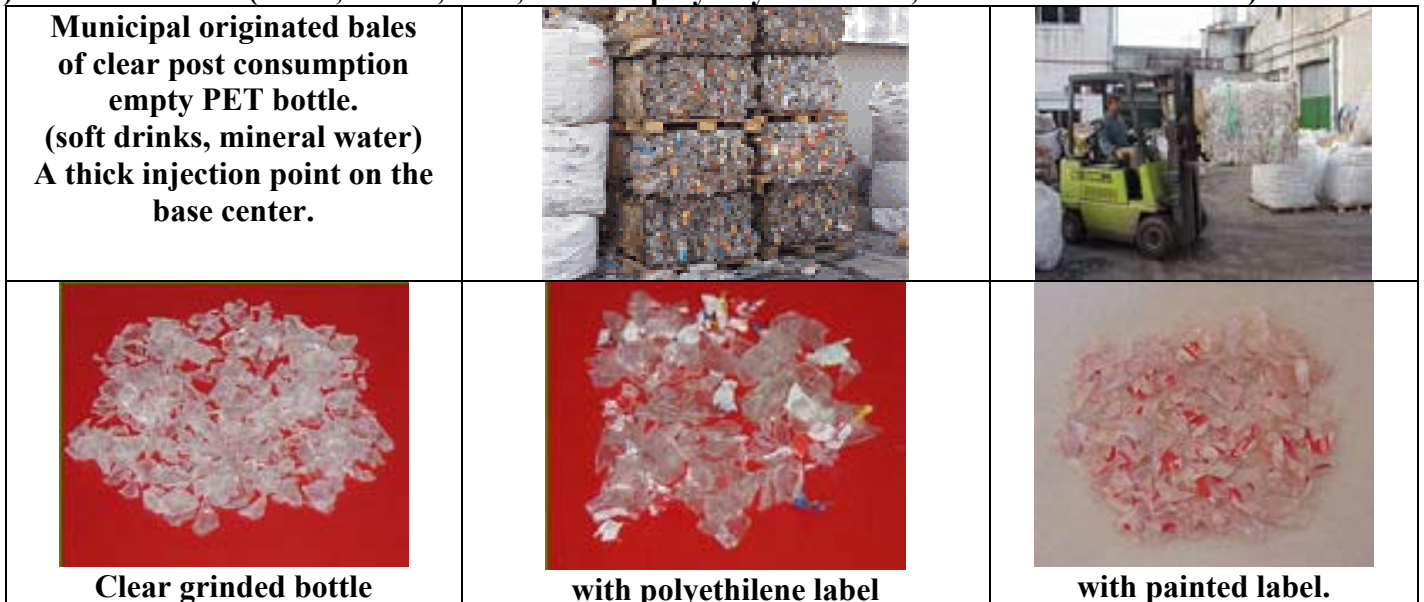
B) Grinded Preforms (Clear, Green, Blue, White, Mixed)



C) Purging (Clear, Green, Blue, Mixed)

D) Powder (Clear, Green, Blue, Mixed)

E) Grinded Bottles (Clear, Green, Blue; with polyethylene labels; with ACL/Paint labels)



From the environmental point of view, PET is an excellent resin to be recycled.

The simplicity of procedures for recycling and the relatively low temperatures (250 °C > PET <300 °C) needed to be transformed in a new products, which is also recyclable.

The main destination of the recycled material is the production of fibers, for carpets, strings, brushes and brooms, strips, and textile garments, etc.

Too the drastic reduction of the energy used in the transport products packed with PET.