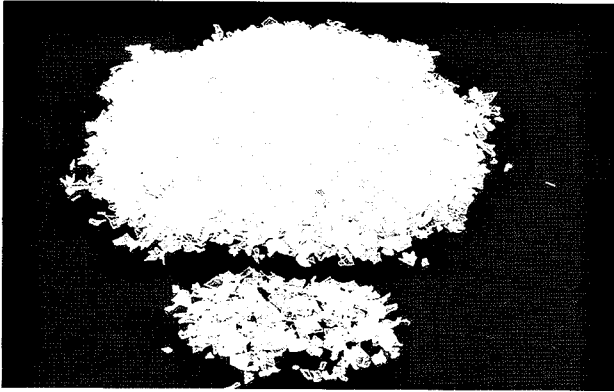
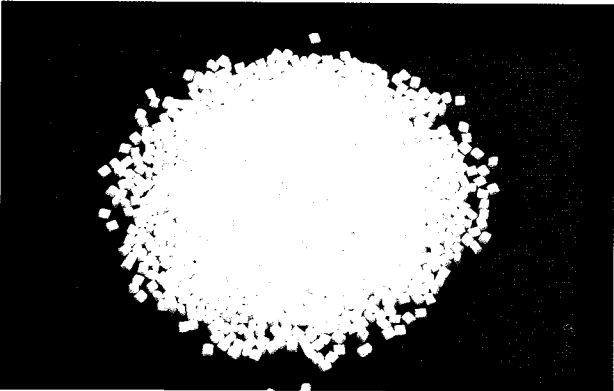


Direct molding of 100% recycled PET flakes

Direct molding of 100% flake material



Flake material: Reground and washed PET bottles



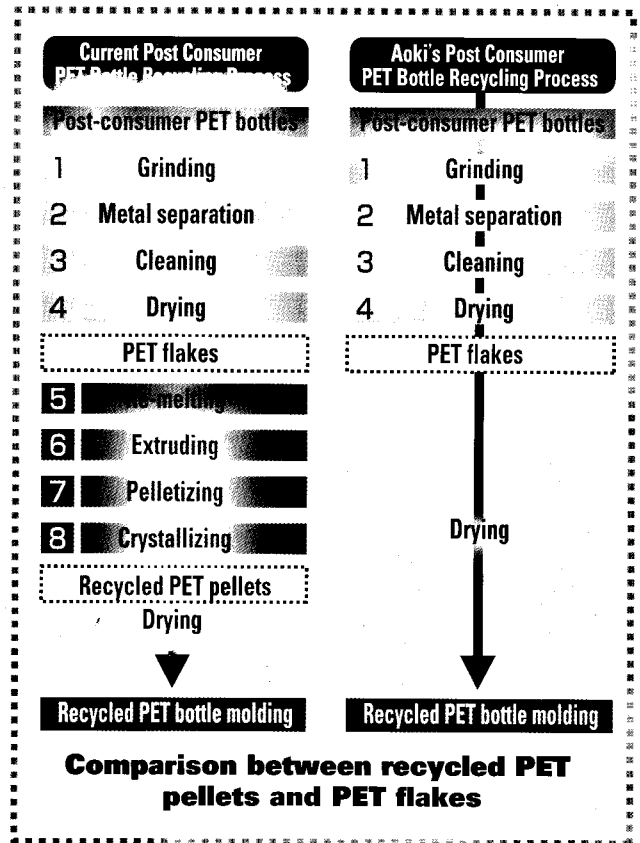
Pellet material: Reground, washed and recrystallized PET bottles (cost-intensive re-pelletizing)

AOKI Series machines use the flake material from reground and washed PET bottles to directly injection stretch-blow mold new containers. Until now, the mainstream approach to recycling PET required pellet material, but with the AOKI Series machines, costs associated with re-pelletizing, or re-crystallizing the recyclate are now a thing of the past.



Big differences in recycling processes spells profits

AOKI Series machines use PET recyclate from a process that is surprisingly simple when compared with previous molding methods that required PET pellets. This is a major contributing factor to the reduction of recycling costs. This unique low-cost recycling system is opening up new business opportunities.



Product quality expanding business opportunities

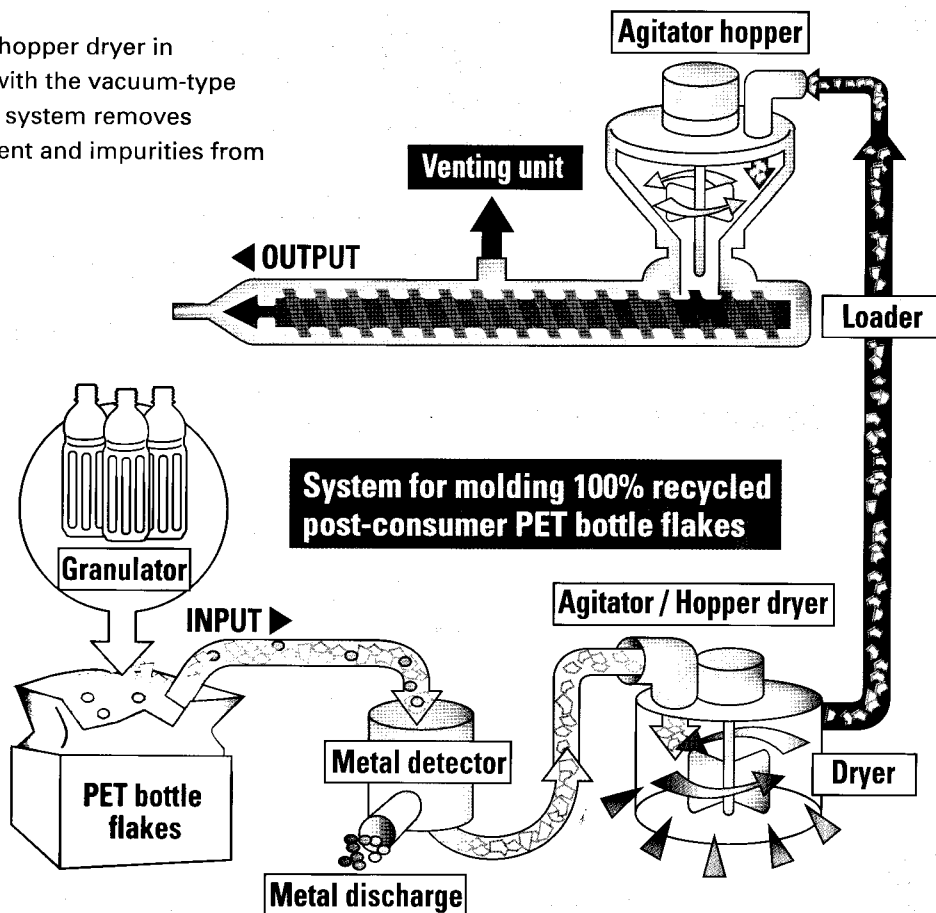
In comparison, the quality of these recycled products is the same as products molded from virgin resin. Recycled products help preserve our natural environment but if the quality is not there, neither are the customers.

AOKI Series machines use a unique barrel venting system and agitator / hopper dryer when molding recycled containers. This system removes moisture content and impurities from the resin, making stable production of high quality products possible.

Stable molding of low-cost recycled material creates high-quality products. Expanding business opportunities...

Featuring high quality, stable production

The agitator / hopper dryer in combination with the vacuum-type barrel venting system removes moisture content and impurities from the resin.



Environmentally-friendly, energy-efficient design

In order to make effective use of resources and to preserve the global environment, the recycling process should also make efficient use of energy. AOKI Series machines are designed with low energy consumption in mind by using various technologies including Direct Heatcon® (no preform reheating required), open cylinders (high mold clamping force using a small pump), and an air recycling system (reusing blow air). These high-performance molding machines generate profits and are environmentally friendly.



Recycled PET trash container