

From oil to plastic. (Part 4)

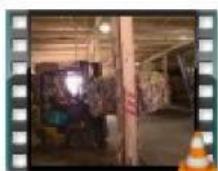
Remanufacturing companies.



Now you **may be wondering** (preguntando) how a _____ gets made using _____.



The **remanufacturing company purchases** (compra) **recycled plastic** so the **resources** (recursos) that **went into making** it (que fueron a hacerlo) _____. First the **bales** (balas) _____ apart and _____ into different **colors**. A **high-speed sorter** (separadores) **uses** a **beam** (haz) of **light** **passing** through the **plastic** to **determine** whether (si) it's **blue, green or clear**.



After **sorting** (ordenar), the **bottles** are _____ (destrozadas), **washed** (lavadas), **dried** (secadas), _____ (empaquetadas) and **transported** to the **manufacturer**.



When manufacturers **use** **recycled** plastic, resources _____. Products such as **fiber for carpet** (alfombras) and **clothing** (ropa) **can be made** from _____ and **soda bottles**. **Recycled HDPE** (2) or number two **bottles** **go** through the same process.



The _____ is _____ (destrozadas) and **washed** to **remove** (eliminar) **labels** (etiquetas). The **plastic flakes** (copos) **are dry**. The **dried flakes** (copos) _____ and **dyes** (colorantes) **are added** to **make** different **color pellets**. Here you **can see** how **blue recycle pellets** **are used** to **make** new detergent bottles.



Even **plastic bags**, which _____ at most **grocery** (comestibles) **stores**, **can be used to make** products such as this **plastic lumber** (maderas) **used** for **decks** (mostradores). The **plastic shells** (revestimiento) of **old computers** **can be ground up** (molidos), _____ into **pellets** and **made** into things like **ski boots** or new **computer casings** (cubiertas).



Remember, **plastic is made** from _____ and when **plastic is thrown away** (tirado) the _____ and **energy** that **went into make** it **in the first place** **are going to waste** (desperdicios).



When you **recycle** plastic you're _____ (ahorrando) those **resources** so if you **don't need** it don't **buy** it. If you **do**, _____ it If you **can**, then **recycle** it.

It's up to us (Depende de nosotros) to **use** _____ wisely (sabientemente).



Recycling Plastic Quiz

1. What does a remanufacturing company do with recycled plastic?	a) Sell it to other companies b) Reuse the resources that went into making it c) Dispose of it in landfills d) Burn it for energy
2. How does a high-speed sorter determine the color of the plastic?	a) By using a beam of light b) By smelling the plastic c) By tasting the plastic d) By weighing the plastic
3. What happens to the bottles after they are sorted?	a) They are washed and dried b) They are bagged and transported to the manufacturer c) They are shredded and recycled into new bottles d) They are thrown away as waste
4. What can be made from recycled plastic bottles?	a) Fiber for carpet and clothing b) New plastic bottles c) Paper products d) Metal products
5. What process do HDPE (2) bottles go through?	a) Sorting and shredding b) Washing and drying c) Melting and dyeing d) Bagging and transporting
6. How are labels removed from recycled plastic?	a) They are shredded b) They are washed c) They are melted d) They are peeled off
7. What is done to the dried plastic flakes?	a) They are bagged and transported b) They are melted and dyed c) They are shredded and recycled d) They are thrown away as waste
8. What can be made from blue recycle pellets?	a) New detergent bottles b) Plastic lumber for decks c) Ski boots d) Computer casings
9. What can be made from recycled plastic bags?	a) Carpet and clothing b) New plastic bottles c) Plastic lumber for decks d) Ski boots
10. What happens to the plastic shells of old computers?	a) They are thrown away as waste b) They are recycled into new computers c) They are ground up and made into new products d) They are burned for energy