

The diagram illustrates the way plastic bottles are recycled and reproduced various merchandise. Overall, there are nine stages in the process, starting with the collection of the used plastic bottles to the recreation of the plastic-based goods.

First of all, the used plastic bottles are gathered and collected by the recycle bins. After that, the contents of recycling bins are transferred to special vehicles due to move to recycle center and begin the process. Following this, the bottles are sorted by their type and their ability to recycle. At this point, recyclable bottles are put into some blocks to compress.

At the middle stage, the blocks cross through the sharp edge rings in order to crush bottles. Once the bottles have been crushed, they are then fallen into the pool and washed. They are put through a machine and make plastic pellets, after which they are heated to produce the raw materials. Subsequently, these raw materials are converted to end products such as clothes, pencils, bottles etc.