





























drinks bottle

from other types of bottle

Sort PET bottles Separate out different coloured bottles with machines using light scanners and air jets

Crush the bottles into small bits called 'flakes'

Wash the small flakes to clean the plastic and remove labels and start separating lighter plastics from heavier ones, like bottle tops

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Air dry the flakes to help separate labels and any remaining heavier pieces of plastic.

Collect only the clear, white plastic all together with more air jets and scanners

Heat the flakes and pushed through small holes in a plate, like spaghetti. Cool it and cut it into pellets called 'granules

Heat the granules again and push them through even smaller holes in a plate to make a fine fiber (recycled polyester)

Polyester Fiber Acoustic Panel Use the fiber to make panels by fluffing, stretching, weaving, needling, heating and cutting

PET塑料瓶的回收利用不仅可以解决环保问题 ,还可以作为一种新的原料资源。聚酯纤维 吸声板正是将回收后的PET塑料瓶进行物理处 理和分拣后制作而成的纤维所制成, 是不含 任何有害物质的绿色产品,整个生产过程对 于环境保护, 节约资源, 可持续发展有大益 处。