

Summary: Our solution is a multi-step design with 3 main processes, each focused on removing different materials from a byproduct. The result will yield PVC at a purity rate of 99%, which is required for recycling.



Vacuum Separation: Removes nylon, mylar, paper, and dust.

Vibrating Mesh Container: Sorts materials by size. Removes copper, aluminum, and residual dust.



Horizontal Air Separator:
Separates components by density.

