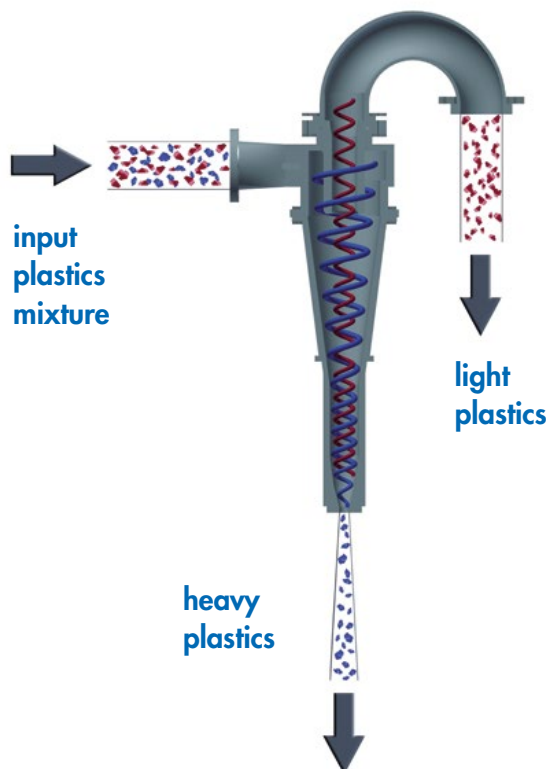


# HydroSorting.



## Optimized Density Separation with the Hydrocyclone

Sorting of plastics to type is an important processing step from waste to a valuable feedstock. Most common technology used today for this is the Density Separation. The sorting increases the purity and adds significant value to the plastics.

Separation technology used today is the float sink tank. The sorting in the tank is unprecise as water turbulences caused by the rotating paddles disturb the separation. The results are unsatisfying. The new Hydrocyclone design overcomes the disadvantages of the basic float sink tanks.

### The Advantages of Pla.to's Hydrocyclone Technology

- Excellent selectivity by a gravity force which is twenty times higher than that of a float sink tank
- Low Wear and maintenance
- Small footprint

### The Applications

- Separation of PET from HDPE and PP
- Separation of PVC from HDPE and PP
- Foreign object removal e.g. stones, glas, metal (ferrous and non-ferrous) from PET, PC, PA and POM
- and many more



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