

GPC Cyclone Dust Removal Case Study

Plastic Shred Removal

Aerodyne Environmental tested plastic shreds in our GPC-18 test lab. The test was done at room temperature and with a pressure drop of 4.0" W.C. through the cyclone. The dust loading was 2 grains/ft³ for the test. The sample tested had an average size of 1" long and an approximate bulk density of 3 lbs/ft³.

The GPC-18 cyclone got 99%* removal of the material.



* Please note that particle removal efficiency is based on multiple factors in the process, including but not limited to cyclone size, pressure drop through the cyclone, particle size distribution, particle geometry, and material density. This test is a representative test, and results for your application may be different based on the above conditions.