

Problem/Opportunity

Metal In Parts & Assemblies Plastic Can Be Recovered

CASE STUDY - No. 13

Remove Metal Contamination



Mixed Plastic Separation
Partnership & Solutions

Problem/Opportunity:

Inherent in the process of manufacturing parts is the need to include metal. The metal can be of various forms, weight and thickness. It's required to make the part function. Most recycling efforts call for the use of manual labor to remove the part or assembly prior to grinding. The problem is, valuable plastic is lost.

Impact on Customer:

More often than not, the plastic is much more valuable than are the metals. The generator will usually:

- look for a buyer for the material (parts), which usually means low price and exportation,
- ignore the issue and warehouse the parts,
- trash the material, or
- mix the parts with metal into loads of scrap materials being sold to scrap buyers, theory being the generator can avoid the cost of disposal in belief that the material is being recycled.

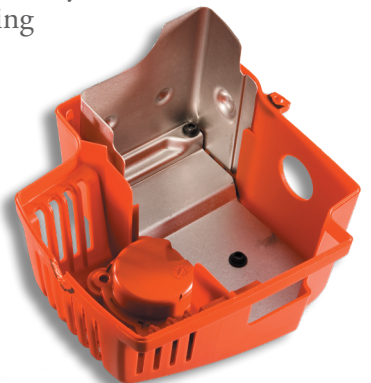
With any of these options, the generator has lost the use of valuable plastic.

Butler-MacDonald's Solution:

Butler-MacDonald's has a rich history in the recycling of both metals and plastics. Although our efforts today are centered on the recovery of high-quality polymers suitable for manufacturing, removing metal from parts such as those shown in this case study are not an issue. In fact, Butler-MacDonald maintains exclusive partnerships to provide services to manufacturers to remove metal and recover high valued polymers to quality levels previously thought impossible to achieve.

Result:

Whether you are a recycler, scrap buyer, or manufacturer, Butler-MacDonald has the technology to consistently deliver plastic suitable for your manufacturing needs, or to sell. Call us. The process is simple and costs you nothing for us to quickly evaluate your material and quote price, yield and purity. We guarantee it.



Butler-MacDonald is not limited to being able to remove magnetic metals. We easily remove non-magnetic too.



RECOVERING VALUE FROM UNUSABLE PLASTIC™

5955 W. 80th Street • Indianapolis, IN 46278
Phone: 317-872-5115 • Fax: 317-872-5660