



Problem/Opportunity

ePlastic Solutions

CASE STUDY - No 16 Mixed Plastic Separation



Problem/Opportunity:

For years recovering an ongoing and sustainable plastic value derived from end-of-life dismantled electronics has been questionable at best. Almost always, export becomes the outlet - and that is not always available.

Impact on Customer:

While a significant mix of polymers exist in eWaste - the bulk take the form of HIPS and ABS. eWaste recyclers put considerable time and money into recovering electronic parts. The balance of the volume and weight in many cases are plastics or ePlastics. The recycler is often faced with:

- Disposal of low or no value plastics that may include metals.
- Stock piling plastic in hopes it will have value.
- Additional labor to remove *other* plastic and attachments from the parent plastic to gain any value at all for the materials, or
- Alternative low return markets (if any).

Based upon these options, the customer would incur a significant loss compared to being able to sell the plastic into a dependable market at a reasonable price.



Result

Butler-MacDonald's Solution:

Butler-MacDonald will work with eWaste recyclers to enable them to recover HIPS and ABS fractions from ePlastic and create plastic suitable for sale. Alternatively, Butler-MacDonald may offer to purchase ePlastic recovered from eWaste provided it is substantially HIPS. In most cases, we can provide a recovery even if the HIPS contains metals and/or mixed polymer.

Result:

eWaste recyclers can now better control economic returns on the ePlastic fractions that were once considered troublesome, low value or just plain waste. Call one of our sales representatives for more details.



RECOVERING VALUE FROM UNUSABLE PLASTIC™

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