

How to minimize recycle stream impact of your package.

We can help you determine how your packaging components “behave” in the recycling stream, so that you can make informed decisions. For more information of the services we provide, please contact us at: 1-419-867-5400

Thermoforms, labels and adhesives

Can they be separated in the wash process?

Testing determines if the label floats or sinks. Also if the adhesive used to bond the label to the PET thermoform can be removed during the caustic washing process, and not be redeposited onto the washed PET flake.



Nylon in PET Bottles

What is the level of discoloration?

PET bottles containing nylon as part of the multilayer structure, or as a direct additive, are tested to determine the impact on recycled PET pellet quality.



O₂ scavenger in PET bottles

What amount is acceptable?

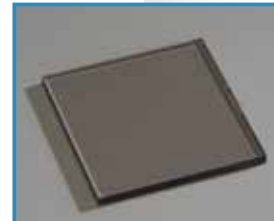
PET bottles containing an O₂ scavenger are studied to determine impact on recycled PET pellets.



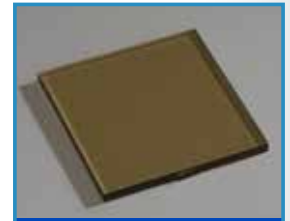
100% PET
washed flake



90% PET flake/
10% recycle flake
containing O₂ scavenger



Control plaque



Test plaque

Bleeding label testing

Determine discoloration of recycled PET flake.

This protocol is designed to determine if label inks and coatings will cause a discoloration of the recycled PET flake.



Unwashed flake



Label flake



Washed flake

Polypropylene innovations

How well mixed rigid materials recycle.

Polypropylene packages and other articles are ground to flake and added to post-consumer "mixed-rigids" PP flake. This is done at defined levels to determine the impact on the current recycled PP stream.



Unwashed recycled
polypropylene



Washed recycled
polypropylene



Recycled
polypropylene pellets

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