Sustainability

The associates of Evergreen Plastics are dedicated to the environment and the responsible management of its resources. Sustainability and profitability are vital core values that ensure the longevity of your business as well as our business. The reclamation of PET, postconsumer, and subsequent production of RPET resin requires less energy use, emits less greenhouse gas, and costs less than producing virgin PET resin from petrochemical sources. Additionally, RPET material conserves our natural resources and can be recycled again and again. The reclamation of post-consumer PET bottles and containers into RPET resin and related operations are highly desired by society today. In addition to conserving energy and natural resources, RPET offers great cost value over virgin materials. This pricing value carries forward beyond our manufacturing customers to the retail customer who would, in turn, pay higher prices for these packaged products if not for the RPET initiative.

- Toll washing PET flake
- Toll NOL flake processing
- Toll pelletizing – NOL and Non-NOL
- Custom Blending
- Compounding
- Toll Grinding
- Brokerage
- PP & HDPE reclaim

Purchasing

Evergreen buys the following material/products in truckload quantities. If you are a supplier of any of these items you can contact Evergreen Purchasing by:

Phone: 419-547-1400
Fax: 419-547-6501
Email: purchasing@evergreenplastics.com
Website: www.evergreenplastics.com

Quality Assurance

Evergreen conducts strict quality control. Every super sack or corrugated box receives an ID number for traceability. Each package is sampled and tested before shipment. Our RPET flake products are tested for contaminants such as wood, paper, polypropylene, glass, metal, and other contaminants to determine the parts per million (PPM) of contamination. A representative sample is also baked to determine parts per million of low melting polymers, PVC, and barrier resins such as nylons, commonly used in some packaging. Our pellet products are checked for physical properties such as intrinsic viscosity (I.V.). A Certificate of Analysis (CoA) is available for our customers on request. Evergreen carefully packages our quality products in either super sacks or large corrugated boxes with polyethylene (PE) liners and the appropriate labeling to assure a safe and secure delivery. Some products are available via bulk container transportation.

Compounding
- Toll Grinding
- Brokerage
- PP & HDPE reclaim

Toll washing PET flake
Toll NOL flake processing
Toll pelletizing – NOL and Non-NOL
Custom Blending
Compounding
Toll Grinding
Brokerage
PP & HDPE reclaim

- 300 West High Avenue
- Mentor, Ohio 44060
- Phone: 419-547-1400
- Fax: 419-547-4551
- Email: purchasing@evergreenplastics.com
- Website: www.evergreenplastics.com
Evergreen Plastics is a leading recycler of PET beverage bottles. Our NOL-Pellet is the latest addition to our product line and has been designed to meet the highest quality requirements of RPET flakes and pellets that our customers expect. Our facility sits on 28 acres and is located in Ohio between Cleveland and Toledo near the shores of Lake Erie where we currently employ 200 associates.

Benefits of NOL Pellet; Prime System:
- Intrinsic Viscosity (IV) build-up: 4 to 6% through the use of an adjustable dwell times in the dual crystallizers ensure maximum cleaning efficiency
- Lowest thermal “heat history” through single energy input

Benefits of NOL Pellet; Advanced System:
- Intrinsic Viscosity (IV) build-up: 6 to 10% through the use of two adjustable dwell times
- lowest thermal “heat history” through single energy input

Benefits of NOL Flakes:
- Bulk density increase of up to 80% for PET flake and flat film scrap
- Effective drying, and crystallization of the feed material

Benefits of NOL pellets and flakes manufactured for use as RPET resin in food packaging as defined by the FDA, under the following conditions of use:

- High temperature heat-sterilized (e.g., over 212 deg. F)
- Boiling water sterilized
- High temperature heat-sterilized (e.g., over 212 deg. F)
- Frozen or refrigerated storage: Ready-prepared foods
- Room temperature filled and stored
- Hot filled or pasteurized above 150 deg. F
- Cooking at temperatures exceeding 250 deg. F
- Frozen or refrigerated storage: Ready-prepared foods
- Room temperature filled and stored
- Hot filled or pasteurized above 150 deg. F
- Cooking at temperatures exceeding 250 deg. F

Evergreen has the highest record and scale of operation since its startup in 1998 to meet both the demands and the high-quality requirements of RPET flakes and pellets that our customers expect. Our facility sits on 28 acres and is located in Ohio between Cleveland and Toledo near the shores of Lake Erie where we currently employ 200 associates.