



Primex Drives Sustainable Plastics Usage Through Responsible Practices



High quality and innovation are at the core of everything Primex Plastics does. A customer-centric approach to process and material development have kept Primex ahead of the competition while providing their customers with the latest in products and value. Primex's sustainability efforts are no different in this regard.

For over fifty years Primex has led the plastics industry through a dedication to recycling, introduction of compostable and biodegradable materials and its line of reusable, returnable containers. While there are other manufacturers in the industry who do one of these, no single company enjoys a full lifecycle sustainability process as does Primex. The Primex "One Company" family of companies (Primex Extrusion, Primex Color, Compounding & Additives, and Primex Design & Fabrication), all contribute to these efforts during every phase of material sourcing, product development and customer interaction.

The Primex Recycling Program

Since 1965 Primex has made plastics recycling a major focus of its business. With advancing technology and commitment to sustainability, Primex has been able to consolidate and modernize the entire process of collecting scrap from their plants, and getting current customers onboard the program. New standard procedures for processing scrap and turning it into quality sheet products not only save money but keep material out of the waste stream.



Primex has aggressively grown the recycling program to become the largest manufacturer of sheet produced from recycled plastics in North America. With the addition of new equipment, including grinders, shredders and pelletizers, **Primex now recycles over 200 million pounds of plastics annually, materials that otherwise potentially could wind up in landfills.**

Source materials come from its own manufacturing operations in six states, customer scrap and purchase of scrap on the open market. With material from so many sources,

it is critical to maintain quality. All incoming material is inspected and tested at Primex's lab to ensure it meets the highest purity and quality standards.

Polymers in the program include polyethylenes, polypropylenes, PET, PS, ABS and virtually all of Primex's extruded sheet and roll products.

Biobased Colors and Additives

Primex Color, Compounding & Additives (PCCA) is a leader in the development and manufacturing of pre-color and masterbatches that can also be compostable or biodegradable. PCCA's



Biobased materials can be made from many source materials including PLA (polylactic acid), PBS (polybutylene succinate), PHA (polyhydroxyalkanoate) and PBAT (polybutylene adipate terephthalate). PCCA helps plastics manufacturers enhance their sustainability programs and meet OEM and customer demands for more "green" manufacturing techniques. Most of these resins are made from plant-based material, reducing dependency on petrochemicals and allowing end products to be disposed of in more responsible ways.

Returnable, Reusable, Recyclable

Primex Design & Fabrication (PDF) creates custom packaging solutions that are developed with sustainability in mind. From handheld totes to large shipping containers, PDF products can be manufactured from recyclable plastics. PDF's products are made to last and many are designed to be reused hundreds of times, unlike paperboard containers that fall apart and get added to the waste stream. PDF's returnable, reusable packaging solutions automatically contribute to sustainability programs. When it is time for them to be replaced, they can be recycled at Primex's own state-of-the-art recycling facility.

