

Eco-Friendly Custom Designed Products!



Let Harco produce your eco-friendly products with a biopolymer material that is compostable and made from renewable plant based resources, but with similar characteristics as traditional plastic items. Customized products with unique shapes, sizes and colors are not compromised.

Get your environmentally friendly products from Harco.

A great way to keep your brand in front of your customers.

Certified to be made from renewable plant based resources.
Certified to be compostable to ASTM 6400 and other standards.

The resin used to make Eco-Friendly products



The resin used to make our Eco-Friendly products is made from renewable resources from agricultural byproducts. The manufacturing process for these resins takes place at a lower heat than that required for manufacturing with traditional plastics, further bringing down the amount of energy and water used to produce it, as well as reducing the amount of carbon dioxide produced, reducing greenhouse gasses. Traditional plastics are petroleum-based and the cost is not subject to fluctuation based on the price of fossil fuels.

The Eco-Friendly plant-powered EcoResin is manufactured with certified novel biobased materials made from renewable, cost-stable resources. These plant-powered materials come from plants or renewable agriculture inputs, defined as any living multicellular organisms that have photosynthetic functions, converted to environmentally sound raw inputs with a lower carbon footprint than their traditional counterparts.

This selected plant-powered EcoResin is developed using advanced material science technology, and designed specifically for replacing traditional plastic resins. These biobased resins are compostable, tree-free, microplastic-free, use zero-food sources and are safer and healthier for the environment. This ensures that the materials are compatible with the ecosystem in which they degrade; reducing the overall environmental footprint of traditional plastics; and are not taking away or competing for food sources.

Visit <https://harcoplastics.com/biopolymer/>

EcoResins - 100% Compostable at their end of life

Accepted and recognized by the highest global standards, the resins used to produce eco-friendly products are certified biobased by TUV Austria Certified 2021. Our supplier currently holds a 2-star certification for OK Biobased, indicating that the resin contains between 40-60% biobased carbon content. These resin materials are compliant with the FDA Code of Federal Regulations 21 and are obtaining compost certifications from BPI, CMA and TUV Austri. Compostability of the resin was tested by a third-party laboratory, products made from this resin demonstrated complete disintegration within 90 days or less depending on thickness of product; when placed in an industrial compost facility demonstrating their ability to break down in real world composting conditions. Compostability is defined through a testing process described in detail by two ASTM Specifications: ASTM 6400 D99 and ASTM 6868. ASTM International is one of the largest voluntary standards development organizations in the world, a trusted source for technical standards for materials, products, systems, and services. Composting is a natural process that allows greenhouse gas emissions carbon dioxide to sequester in soil instead of being released into the atmosphere.