Biodegradable Polypropylene

recyclable • biodegradable • compostable

Univenture offers a complete line of packaging products made from biodegradable polypropylene. Our biodegradable polypropylene products balance eco-friendly design and materials, while remaining cost effective.

Being green does not mean compromising performance.
Univenture's biodegradable polypropylene products maintain the clarity, durability and performance characteristics of our 100% recyclable polypropylene products.

Direct mail envelopes, sheet protectors, disc packaging and badge holders, are a small listing of the products that Univenture can manufacture using biodegradable polypropylene. Our product design team is capable of developing packaging to meet your unique packaging needs.

Our biodegradable polypropylene degrades in composting and other natural environments. The extent and rate of degradation depends upon multiple factors. Listed below are controlled standardization methods and tests for degradation of biodegradable plastics.

The result of material provider tests and the related biodegradation and ecological impact experiments in various environments certifies that plastic products manufactured with ECM additives can be marketed as biodegradable and safe for the environment.

Technical Information:

A Degradable Plastic is defined (ASTM 1991) as a plastic that is designed to undergo a significant change in its chemical structure under specific environmental conditions resulting in a loss of some properties that may vary as measured by standard test methods appropriate to the plastic and the application in a period of time that determines its classification. A Biodegradable Plastic is defined as a degradable plastic in which the degradation results from the action of naturally occurring microorganisms such as bacteria, fungi and algae.

Plastic samples, have been tested by independent laboratories in accordance with standard test methods approved by ASTM, ISO and other such standardization bodies to determine the rate and extent of biodegradation of plastic materials.

The biodegradation of the submitted plastic samples was tested using the following standardized methods:

1. ASTM D5209-91, "Standard Test Method for Determining the Aerobic Biodegradation of Plastic Materials in the Presence of Municipal Sewage Sludge",
2. ASTM D5338.98, "Standard Test Method for Determining Aerobic Biodegradation of Plastic Materials under Controlled Composting Conditions", which is equivalent to CEN prEN WI 261085,
3. ISO 14855 method, "Evaluation of the Ultimate Aerobic Biodegradability and Disintegration of Plastics under Controlled Composting Conditions",
4. ASTM 5511, " Standard Test Method for Determining Anaerobic Biodegradation of Plastic Materials Under High-Solids Anaerobic Digestion Conditions."

The result of these tests and the related biodegradation and ecological impact experiments in various environments certifies that plastic products manufactured with ECM additives can be marketed as biodegradable and safe for the environment.

To locate a recycling facility in your area:
Please check with your city manager for your community's recycling and controlled composting services. Since all communities may not have controlled recycling and composting facilities, we have included the following resources.

www.naparecycling.com (by appt. only for compostable items)
www.mcgillcompost.com/Composting.htm
www.mcgillireland.com
www.findacomposter.com

Ship your used Univenture products back to Univenture for recycling
You are welcome to send us your Univenture products for recycling. Simply ship your Univenture products to the address below and we will ensure that the products and materials are properly disposed.

Univenture
Attn: Recycling
13311 Industrial Parkway
Marysville, Ohio 43040

Please note: recycling shipments should be limited to Univenture products only.

We welcome your suggestions and inquiries
For additional recycling information or questions, please direct your email inquiries to recycling@univenture.com.