

# **Maverick Green Biodegradable Plastic Film**

## **Product Description**

- Maverick Green is an additive-based biodegradable film that is formulated to degrade when buried or put into a landfill. This is Maverick Green Film. It interacts with the biota in the landfill, which in turn enables it to degrade. These microorganisms metabolize the molecular structure of the plastic, breaking it down into humus and then into either carbon dioxide and water or methane and water. This process is done both aerobically (with oxygen) and anaerobically (without oxygen). This ability sets it apart from other biodegradable plastics that require oxygen. In the layers of garbage, oxygen would be in limited supply.
- This product does not produce or leave any toxic residue harmful to living organisms in land or water. Basically an additive is put into the plastic while it is being made, thus making it biodegradable. It looks and performs like a normal plastic with no moisture, heat, or water issues.
- **Formulated to biodegrade within 9 to 24 months when buried in a landfill.**
- **NO toxic residue to living organisms in land OR water. ( EPA 6010 metals analysis and EPA 8260 soil matrix).**
- **Meets the ASTM 5511-94 protocol for anaerobic degradation.**
- **Meets ASTM D5209-91 Standard Test Method for Determining the Aerobic Biodegradation of Plastic Materials in the presence of Municipal Sewage Sludge.**
- **Meets ASTM D5338.89 Standard Test Method for determining Aerobic Biodegradation of Plastic Materials under controlled composting conditions and CEN prEN WI 261085**
- **Meets ASTM 5511 Standard Test Method for Determining Anaerobic Biodegradation of plastic materials under high solids anaerobic digestion conditions.**

## **Quick Facts:**

Landfill degradable	Will not degrade when exposed to moisture
Will not break down in high temperatures	No expiration dates
Compostable	FDA Compliant
Can be safely recycled	Incinerator safe
NO toxic residues on degradation	Residue is seawater safe

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### **LIMITED WARRANTY**

All technical information, technical data, statements and recommendations contained in this literature are based upon tests performed and/or are obtained from sources believed to be reliable. It is offered solely for your consideration, investigation and verification.

Manufacturer warrants its products to be free from any defects when it is shipped to customer.

The customer's responsibility is to determine the suitability of this product by reading the label and literature and performing sufficient tests to determine the suitability of this product.

Manufacturer, representatives and agents shall have no liability for any injury, loss or damage arising out of the use or misuse of or the inability to use the product.