THE PLATINUM PACKAGING GROUP

PLAT*SEAL* PLAT*Machinery* PLAT*SERV*

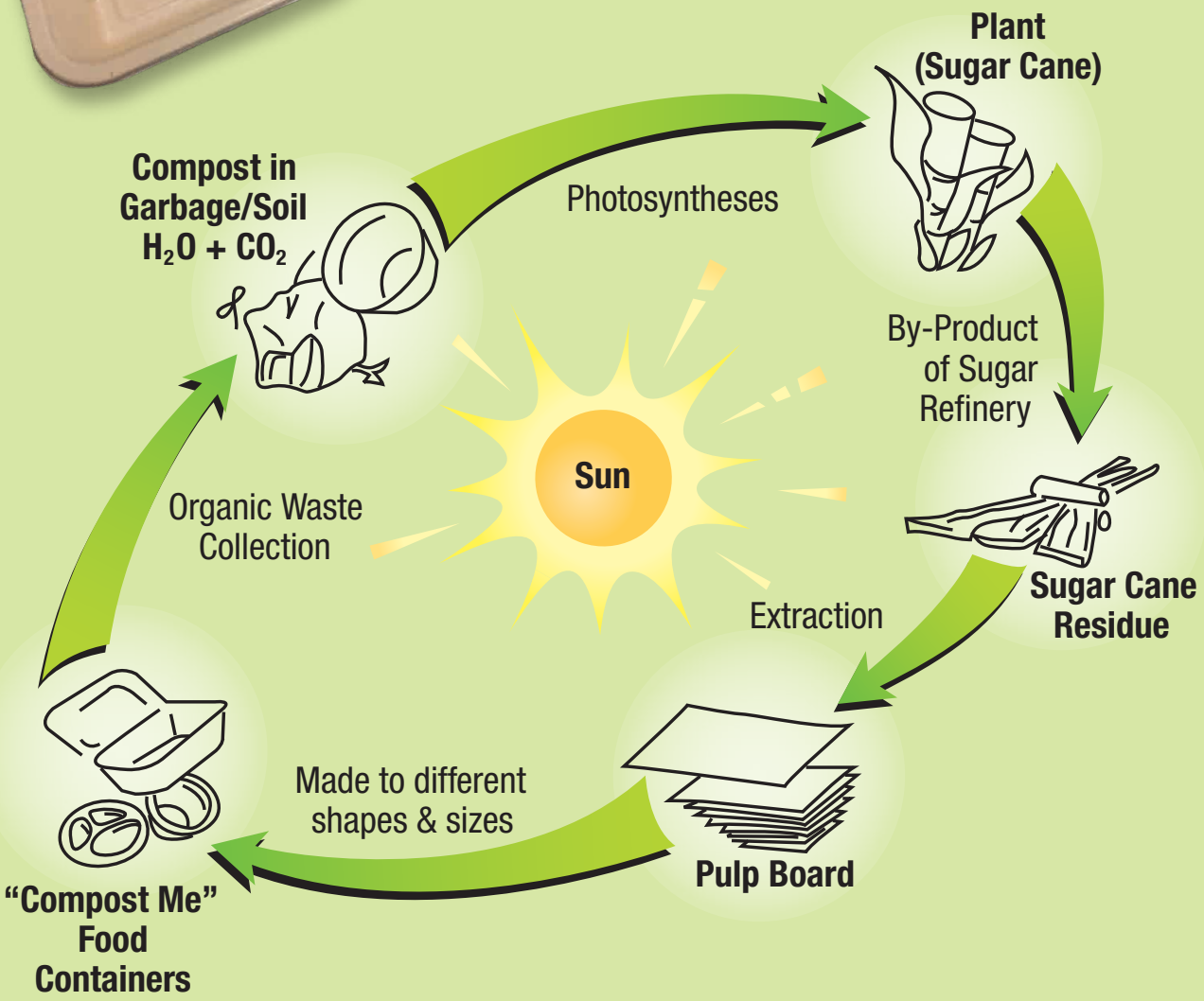
PRODUCT SPECIFICATIONS

Plant Fiber Trays

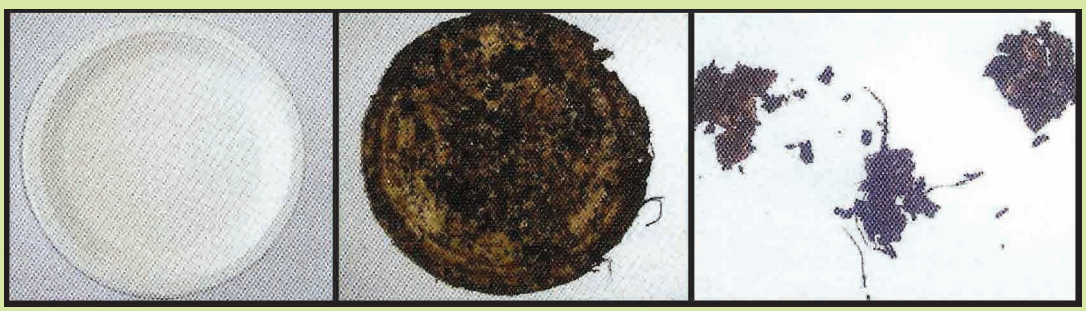
- *Made from leftover agricultural fiber with a plant based bio-lining*
- *No wax or plastic lining*
- *Ovenable (up to 400 F) Microwave & freezer safe*
- *Compost in 2-4 months in a commercial composting facility*

		ITEM MEASUREMENTS			CASE MEASUREMENTS			WEIGHT	CASES / PALLET	UNITS / PALLET	PACKAGING		
Item Code	Description	Length (in)	Width (in)	Depth (in)	Length (in)	Width (in)	Height (in)	Gross Weight (lb)			Sleeves Per Case	Count Per Sleeve	Count Per Case
CT655K1L	Fiber Tray w/PLA Lining (18oz) Scround, Kraft, **1 Compt**	6.5	5	1.75 Deep	18.50	13.75	11.00	20.00	49 C/S	24,500	4	125	500
CT655K2L	Fiber Tray w/PLA Lining (7/9oz) Scround, Kraft, Hamburger, **2 Compt**	6.5	5	1.75 Deep	18.50	13.75	11.00	20.00	49 C/S	24,500	4	125	500
CT655W2HL	Fiber Tray w/PLA Lining (7/9oz) Scround, White, **2 Compt**, Hot Dog	6.5	5	1.75 Deep	18.50	13.75	11.00	20.00	49 C/S	24,500	4	125	500
CT85625W1L	Fiber Tray w/PLA Lining (30oz) White, **1 Compt**	8.5	6.50	1.5 Shall	19.50	18.50	9.00	16.75	49 C/S	14,700	6	50	300
CT85625W2L	Fiber Tray w/PLA Lining (11/15oz) White, **2 Compt**	8.5	6.50	1.5 Shall	21.50	13.00	9.00	18.75	49 C/S	14,700	6	50	300
CT85625W3L	Fiber Tray w/PLA Lining (4/4/14oz) White, **3 Compt**	8.5	6.50	1.5 Shall	21.50	13.00	9.00	18.75	49 C/S	14,700	6	50	300
CT85625K1L-D	Fiber Tray w/PLA Lining (37oz) Kraft, **1 Compt**	8.5	6.50	1.9 Deep	19.50	13.40	9.00	21.00	49 C/S	14,700	6	50	300
CT85625K2L-D	Fiber Tray w/PLA Lining (13/19oz) Kraft, **2 Compt**	8.5	6.50	1.9 Deep	19.50	13.40	9.00	21.00	49 C/S	14,700	6	50	300
CT85625K3L-D	Fiber Tray w/PLA Lining (5/5/15oz) Kraft, **3 Compt**	8.5	6.50	1.9 Deep	19.50	13.40	9.00	21.00	49 C/S	14,700	6	50	300

- *100% Bio-Compostable*
- *Moisture & Oil Resistant*
- *Freezable/Microwaveable*
- *Freezable/Ovenable*



How Tray Decomposes @ Ambient Temperature



Start of incubation | After 4 weeks | Remains after 8 weeks

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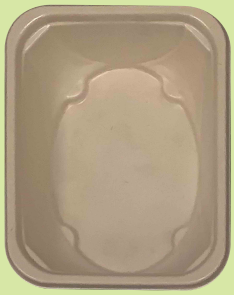

CT655K1L

CT655K2L

CT655W2HL
Mold is a Prototype

6.5" x 5" x 1.75" Deep
PLA Lining / Kraft Color

$4^{1}/_{4}$" x $4^{1}/_{4}$" x $1^{3}/_{8}$"
Tool Mold Prototype
Kraft Color

CT85625W1L

CT85625W2L

CT85625W3L

6.5" x 8.5" x 1.5" Shallow
PLA Lining / White Color

CT85625K1L-D

CT85625K2L-D

CT85625K3L-D

6.5" x 8.5" x 1.9" Deep
PLA Lining / Kraft Color

We can run Kaft or White with minimums

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PACKAGING AND SUPPLY
Data Sheet

Platinum compostable Products are mainly made from three products
Different compostable materials offer different combinations of benefits and limitations.
Platinum products are made from materials that follow the cycle of life on Earth: beginning and ending as nutrient-rich soil. Our products are made from a variety of materials

1_ Compostable Plastics are made from Ingeo™, a bio-based plastic derived from renewable corn in the U.S. Chemically, this material is known as PLA, or Poly Lactic Acid, which can be derived from a variety of plant-based starches.

2_Sugar Cane. Harvested worldwide, sugar is extracted, and the husk is pulped into a slurry and then used to form products. This husk would normally be burned and release Carbon into the air. We remove that potential by utilizing it in our products

3_ Wheat Grass and Husk is utilized to add to the structure of Sugarcane or used alone to produce food trays and plates.

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Platinum products are made from materials that follow the cycle of life on Earth: beginning and ending as nutrient-rich soil. Our products are made from a variety of

Unlike paper pulp our products are annually renewable

Sustainable products for a better world

We can choose new ways to live that tread lightly on a planet that's already stretched to its limits of bio-capacity. Choosing plant based, eco-friendly products is one way to impact our ailing environment.

Platinum compostable products are lighter impact alternatives to everyday plastic and Styrofoam disposables. Our products are designed to transform waste into healthy, new soil through composting. They use less energy and water to manufacture, make less pollution than petroleum-based products and are made from renewable resources and waste materials… the list of benefits is almost endless. Best of all, they save biodiversity and habitats.

Products

Each of these compostable materials carries a unique set of benefits and limitations, and they all compost at different rates under different conditions.

We measure the environmental impacts of compostable products and their conventional counterparts. Choosing products that have lighter environmental footprints than their conventional counterparts is one small step toward the goal of sustainable living. We know it will take time for consumers and businesses to transition to a Zero Waste economy. Our compostable products are one measurable step in the right direction.

The environmental footprints of different products can be measured and compared through their "eco-profiles." These profiles include ecologically relevant information about the manufacturing of the products, including energy consumption, water consumption, carbon emissions, and pollution. An eco-profile provides only a subset of the information in a complete life-cycle analysis, which also considers the impacts of packaging, distribution, consumer use, and disposal.

Platinum products are designed to be composted at commercial composting facilities. These facilities grind the material, turn the compost piles, and monitor conditions to create high temperatures. This reduces the amount of time it takes for products to break down and reduces methane emissions.

Compostable products break down at different rates, depending on the material they are made from and its thickness, as well as the composting conditions. Home composting rates are slower and can vary widely depending on how frequently the pile is turned over, the moisture and material content, and the temperature.

Time Required for Composting **Platinum** Products

Product	Home Composting	Commercial Composting
Compostable (PLA) cold cups, deli containers, clamshells, straws, etc.	Not recommended	2-3 months

Standards

There are several international organizations that have established standards and testing methods for composability:

American Society for Testing and Materials ASTM-6400-99 and ASTM-6868

European Standardization Committee (CEN) EN13432

International Standards Organization (ISO) ISO14855 (only for biodegradation)

These standards specify the criteria for biodegradation, disintegration and eco-toxicity for a plastic to be called compostable.

Biodegradability is determined by measuring the amount of CO2 produced over a certain time period by the biodegrading plastic. The standards require 60% conversion of carbon into carbon dioxide within 180 days for resins made from single polymer and 90% conversion of carbon into carbon dioxide for co-polymers or polymer mixes.

Disintegration is measured by sieving the material to determine the biodegraded size and less than 10% should remain on a 2mm screen within 120 days.

Eco toxicity is measured by having concentrations of heavy metals below the limits set by the standards and by testing plant growth by mixing the compost with soil in different concentrations and comparing it with controlled compost.

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tel: (562) 630-6700 • fax: (562) 630-6716
7627 Somerset Blvd., Paramount, CA 90723

TO PLACE ORDERS:
sales@platinumpkggroup.com

FOR MORE INFORMATION:
www.platinumpkggroup.com

QUESTIONS:
information@platinumpkggroup.com