Bioleader® Sugarcane Bagasse Trays

TECHNICAL DATA SHEET (TDS)

Company	Xiamen Bioleader Environmental Protection Technology Co., Ltd.	Document No.	BL-TDS-BG-TR-001
Product Category	Sugarcane Bagasse Trays	Version	1.0
Country of Origin	China	Issue Date	01 Nov 2026
Website	www.bioleaderpack.com	Category Scope	Current Bagasse Trays range - 32 listed products

1. Product Scope

This category-level TDS covers the current Bioleader® sugarcane bagasse tray assortment shown in the Bagasse Trays category, including capacity-based foodservice trays, standard open trays, multi-compartment meal trays, and molded-fiber supermarket / fresh-food display trays. Lid availability is model-specific and lid materials are treated as a separate scope from the tray body.

2. Material & Performance Data

Property	Specification / Scope
Tray body material	Molded sugarcane bagasse fiber / pulp; thermoformed molded-fiber construction
Typical colors	Natural / white, depending on model and production specification
Tray body plastic content	No conventional plastic in the molded-fiber tray body for the referenced bagasse tray formats; separate lid / film / wrap materials are outside this tray-body claim
PFAS positioning	PFAS-free formulations are available. Specific PFAS claims apply to the referenced SKU / formulation and supporting documentation; T058 and T060 are currently marketed as PFAS-free tray models
Grease / moisture resistance	Designed for foodservice, produce, meat, deli and takeaway applications. Performance varies with food type, temperature, dwell time and formulation
Microwave use	Applicable foodservice tray models support microwave reheating up to 3 minutes. This is not a universal requirement for every retail produce / meat tray application
Freezer / chilled use	Applicable models support chilled / freezer use down to approximately -20°C; confirm the exact SKU and packaging system for cold-chain programs
Hot / oily food	Selected bagasse formulations may support representative hot-oil service around 100-120°C. Treat this as SKU / formulation specific, not a universal tray rating
Compostability	Applicable products are supported by compostability documentation such as OK Compost, EN 13432 and ASTM-related records. Certification scope depends on the exact product and current document
Food contact	Food-contact testing documentation is available for applicable bagasse tableware under relevant U.S. and European requirements
Typical applications	Takeaway, sushi, catering, school meals, cafeterias, produce, fruit, vegetables, mushrooms, meat / poultry, chilled retail display and supermarket food packaging

Evidence scope: Performance, PFAS, food-contact and compostability statements apply only to the products, samples, formulations and document scopes identified in the corresponding records. Lid / film / wrap materials do not inherit tray-body compostability or PFAS claims automatically.

3. Product Specifications - Foodservice & Capacity-Based Trays

Dimensions and weights below are nominal values currently published on Bioleader® product pages or current Bioleader technical data. PCS/CTN is the current published packing quantity for the tray body unless otherwise stated.

Item	Nominal format	Product size (mm)	Weight (g)	PCS/CTN	Typical application / note
T053	12oz / 350ml tray	180 x 120 x 25	10	1000	Sushi, snacks, takeaway; lid options
T054	16oz / 460-500ml tray	180 x 120 x 35	13	600	Sandwiches, deli, takeaway; lid options
T055	24oz / 750ml tray	215 x 140 x 37	17	600	Catering, meal prep, takeaway; lid options
T056	32oz / 1000ml tray	215 x 140 x 52	20	600	Full meals, delivery, takeaway; lid options
T500	Rectangular tray 500ml	180 x 124 x 43.6	15	500	Takeaway / delivery; molded-fiber or PET lid options
T650	Rectangular tray 650ml	180 x 124 x 53.6	17	500	Takeaway / delivery; molded-fiber or PET lid options
T750	Rectangular tray 750ml	180 x 124 x 61.6	18	500	Takeaway / delivery; molded-fiber or PET lid options
T1000	Rectangular tray 1000ml	180 x 124 x 74.6	20	500	Takeaway / delivery; molded-fiber or PET lid options
T012	7 x 4 in tray	168 x 108 x 36	12	600	Dessert / airline / portion tray; matching fiber lid available

Lid note: T053-T056 and T500-T1000 are sold in configurations that may include molded-fiber or clear plastic lid options depending on the product. T012 is paired with a separate molded-fiber lid in the current tray series. Lid weights and lid compliance are not included in the tray-body values above unless separately specified.

4. Product Specifications - Standard Open / Serving Trays

Item	Nominal format	Product size (mm)	Weight (g)	PCS/CTN	Typical application / note
T001	7 x 5 x 1.5 in tray	173 x 122 x 40	10	1000	Meal, chips, sushi, snacks
T005	8 x 6 x 0.6 in tray	200 x 150 x 16	12	1000	Serving, display, catering
T023	8 x 6 x 1 in tray	196 x 147 x 28	14	1000	Sushi, food display, general foodservice
T034	7 x 5 in tray	180 x 134 x 25	13	1000	Meat, cheese, cold food, produce
T039	9 x 6 in tray	228 x 168 x 27.6	19	500	Produce, meat, retail food display
T040	10 x 7 in tray	250 x 180 x 27.6	24	600	Vegetables, produce, retail display
T062	13.5 x 10 in serving tray	350 x 250 x 26	43	500	Catering, buffet, cafeteria, large meal service

5. Product Specifications - Multi-Compartment Meal Trays

Item	Nominal format	Product size (mm)	Weight (g)	PCS/CTN	Typical application / note
T009	5-compartment tray	265 x 215 x 25	25	500	School lunch, cafeteria, bento-style meal service
T058	10 x 8 in - 5 compartments	260 x 210 x 25	24	500	School / institutional meals; PFAS-free positioned SKU
T059	11 x 8 in - 5 compartments	280 x 210 x 24	27	500	Cafeteria, catering, school meals
T061	12.5 x 8.5 in - 5 compartments	320 x 218 x 25	30	500	Cafeteria, catering, institutional meal service
T060	12.5 x 8.5 in - 6 compartments	320 x 217 x 27	38	500	School / canteen / institutional meals; PFAS-free positioned SKU

Multi-compartment formats are intended for portion separation in schools, cafeterias, institutional dining, catering and meal programs. T058 and T060 are currently positioned on Bioleader® product pages as PFAS-free bagasse tray models; keep the exact formulation and supporting document aligned with the production order.

6. Product Specifications - Retail Produce / Meat / Display Trays

Item	Nominal format	Product size (mm)	Weight (g)	PCS/CTN	Typical application / note
TR170	7 x 5 in fruit tray	170 x 115 x 25	10	500	Fruit, produce, supermarket display
TR176	7 x 5 in vegetable tray	176 x 132 x 30	11	500	Vegetables, produce, supermarket display
TR220	9 x 5 in fruit tray	220 x 135 x 30	14	500	Fruit, produce, retail display
TR4D	10 x 7 in meat / poultry tray	242 x 179 x 28.5	30	250	Meat, poultry, chilled retail display
TR9P	12 x 9 in meat tray	231 x 297 x 31	42	500	Meat, poultry, chilled retail packaging
4D	10 x 7 in fruit / vegetable tray	240 x 180 x 30	29	250	Fruit, vegetables, produce retail
14D	6 x 6 in mushroom tray	155 x 145 x 35	17	500	Mushrooms, produce, light fresh food
2S	8 x 5.5 in display tray	200 x 140 x 15	18	500	Supermarket display, fresh produce
TR2D	8 x 6 in packaging tray	212 x 150 x 24	22	500	Meat / produce / retail food display
TR2S	8 x 6 in fresh produce tray	202 x 141 x 14.2	18	500	Fruit, vegetables, fresh produce display
TR10S	11 x 6 in meat packaging tray	274 x 149 x 18.5	32	500	Meat, chilled proteins, supermarket display

7. Packaging, Storage & Handling

Item	Guidance
Packing quantity	Published product pages currently use 250, 500, 600 or 1000 pcs/carton depending on model. Use the SKU-specific packing quantity in Section 3-6 for planning.
Storage	Store in a clean, dry, ventilated warehouse away from direct sunlight, excessive humidity, heat sources and strong odors.
Handling	Keep cartons dry and avoid excessive compression. Nested trays should be separated carefully to protect rim geometry and forming consistency.
Shelf life	Representative manufacturer shelf-life guidance for bagasse tableware is typically up to 36 months under proper storage; confirm the specific production specification when required by the buyer.
Customization	Custom molded-pulp projects, logo embossing, new molds, private-label packaging and custom cartons can be developed subject to engineering review and commercial MOQ.

8. Compliance & Technical Documentation

Representative supporting documents for applicable Bioleader® bagasse products may include third-party food-contact reports, PFAS / total fluorine testing, compostability certificates and manufacturer-issued performance documentation. These records should be matched to the exact SKU, formulation, factory scope and destination-market requirement before being used as a product-specific compliance statement.

Document / Evidence	Purpose
SGS PFAS / total fluorine report	Supports PFAS-related evidence for the tested bagasse sample / formulation; report scope must be preserved
FDA 21 CFR / U.S. food-contact testing	Supports applicable food-contact requirements for identified tested products / samples
EC / LFGB / BfR food-contact testing	Supports applicable European food-contact evaluation for identified tested products / samples
OK Compost / EN 13432 / ASTM-related records	Supports compostability claims only within the corresponding certified / tested scope
Bioleader 120°C hot-oil method / performance documents	Manufacturer-controlled performance reference; not a universal third-party rating for every tray model

9. Source & Revision Note

This TDS was compiled from Bioleader®'s current Bagasse Trays category (32 listed products), current product pages, the 2025 Bioleader product catalog, and currently published Bioleader SKU-level TDS files available on bioleaderpack.com as of 01 Nov 2026. Where the website and an older catalog differ, the more recent product-page / SKU-level data is preferred. Dimensions and weights are nominal production specifications and may be updated with mold revisions; final commercial orders should use the approved order specification / drawing.

Primary category: https://www.bioleaderpack.com/product-category/bagasse-tray/
Certificate center: https://www.bioleaderpack.com/certificate/

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