

TECHNICAL DATA SHEET

Sugarcane Bagasse Tableware Series

| | | |
|--|---|--|
| Company Name: Xiamen Bioleader Environmental Protection Technology Co., Ltd. | Document No.: TDS-Bioleader-2026.1 | Version: 2026.1 |
| Product Category: Sugarcane Bagasse Tableware | Country of Origin: China | Website: www.bioleaderpack.com |

1. MATERIAL DATA

| Property | Specification |
|-------------------------|--|
| Material | 100% natural sugarcane bagasse fiber |
| Manufacturing Process | Pulp Molding (Thermoformed Fiber Technology) |
| Color | Natural / White |
| Plastic Content | None |
| PFAS Status | Conventional (Standard Oil-Resistance) PFAS-FREE (No added Fluorine) |
| Oil & Water Resistance | Suitable for hot and oily food applications up to 100°C–120°C |
| Temperature Range | Freezer safe to -20°C; microwave safe up to 3 minutes |
| Compostability | Industrially & Home compostable |
| Biodegradability | Biodegradable under industrial composting conditions |
| Food Contact Compliance | In accordance with applicable food contact standards |
| Application | Universal Food Packaging: Ideal for Hot/Cold Food, Takeaway & Catering; Suitable for Soups, Stews, Salads, Fresh Fruits, Vegetables, Proteins (Meats), and Assorted Takeout Meals. |

2. PRODUCT DATA

| Item Code | Name | Weight (g) | Product Size (mm) | PCS/PACK | PCS /CTNS | Carton Size (cm) | | | Cube/CTN |
|-----------|-----------------------------------|------------|---------------------|----------|-----------|------------------|----|----|----------|
| B004 | 6" x 4" Clamshell Box (450-500ml) | 18 | 172X112.5X36.6/15.6 | 50 | 1000 | 52 | 50 | 37 | 0.0962 |

Product Page:

<https://www.bioleaderpack.com/product/biodegradable-sugarcane-bagasse-bento-box-500ml/>

Product Images



3. COMPLIANCE & CERTIFICATES

| Category | Details |
|-----------------|--|
| Compostability | BPI, OK Compost, EN 13432, ASTM D6400, AS 5810 |
| Food Contact | FDA 21 CFR, EC No. 1935/2004, LFGB |
| Chemical Safety | PFAS-Free, PFOA-Free, PFOS-Free |
| Quality System | ISO 9001:2015, BRC, BSCI |
| Sustainability | Greenhouse Gases Verification Statement / ISO 14067:2018 |

Certificates and Test Reports Download: <https://www.bioleaderpack.com/certificate/>

4. STORAGE

| Item | Details |
|------------|---|
| Storage | Store in a cool, dry, standard warehouse |
| Shelf Life | 36 months under proper storage conditions |
| Limitation | Oven use only if specifically tested |

| | |
|------|---|
| Note | Product performance may vary depending on actual application conditions |
|------|---|

5. MANUFACTURER

Manufacturer: Xiamen Bioleader Environmental Protection Technology Co., Ltd.

Country of Origin: China

Brand: Bioleader (OEM Customized Acceptable)

Website: www.bioleaderpack.com

Email: info@bioleaderpack.com

Address: No.39 Xinglong Road,Xiamen, Fujian,China