

TECHNICAL DATA SHEET

Corn Starch Tableware Series

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

1. MATERIAL DATA

Property	Specification
Material	Cornstarch-based compound
Manufacturing Process	Injection Molding, Thermoforming and Vacuum Forming Technology
Color	White / Beige / Black
Plastic Content	PP blended (depending on product series)
PFAS Status	No intentionally added PFAS
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	Compostable options available according to material formulation
Biodegradability	Biodegradable performance depends on material composition and disposal conditions
Food Contact Compliance	In accordance with applicable food contact standards
Application	Universal food packaging: ideal for hot and cold meals, takeaway and catering; suitable for rice, noodles, soups, salads, vegetables, meats, and assorted takeaway foods

2. PRODUCT DATA

Item Code	Description	Weight (g)	Product Size (mm)	PCS/ PACK	PCS/ CTNS	Carton Size (cm)			Cube/ CTN
BLT-1500-5C	1500ML 5C Lunch Box With Lid	82	265*233*49	50	200	55	48	60	0.1584

Product Page:

<https://www.bioleaderpack.com/product/cornstarch-food-container-tray-with-lid-1500ml-5-compt-bioleader-cornstarch-tableware-manufacturer/>

Product Images



3. COMPLIANCE & CERTIFICATES

Category	Details
Compostability	OK Compost, EN 13432
Food Contact	FDA 21 CFR, EC No. 1935/2004, EU No. 10/2011
Product Testing	Test Report, Declaration of Conformity
Quality System	BRC, ISO 9001, ISO 14001, Inspection Report / Factory Audit

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

4. STORAGE

Item	Details
Storage	Store in a cool, dry, standard warehouse
Shelf Life	24 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

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