Tekbi

COMPANY & PRODUCT PROFILE

Qingdao Tekbi Pet Supplies Co., Ltd.

Plant-Based Cat Litter

Research, Development & Manufacturing

IMPORTERS / DISTRIBUTORS / PET BRANDS



Illustrative aerial view of the factory

3 automated lines / 50,000 tonnes per year

Company Profile

QINGDAO TEKBI PET SUPPLIES CO., LTD.



Actual photograph of the automated production line

3 automated production lines **50,000 t / year**

Qingdao Tekbi Pet Supplies is a professional service provider integrating cat litter research and development, production and trade for the global pet care market. Our factory operates three automated production lines with an annual capacity of 50,000 tonnes.

We specialize in plant-based cat litter, including tofu, cassava and other plant-based formulations. We also provide OEM/ODM contract manufacturing tailored to each customer's requirements.

Drawing on Qingdao's industrial strengths, we supply safe, environmentally friendly and cost-effective cat litter solutions to global brands, wholesalers and retailers.

With customers at the center of our work, we aim to be your long-term, stable and reliable manufacturing and contract production partner.

Our Advantages

WHAT MATTERS TO TEKBI

01

Plant-Based Materials

We select natural plant materials to make quality cat litter: green, safe and sustainable.

02

R&D and Production

Integrated cat litter R&D;, production and trade, supported by three automated production lines to advance customer projects.

03

Production and Supply

Annual capacity of 50,000 tonnes. We coordinate production around order quantities, packaging and delivery requirements.

04

OEM / ODM

Customer-specific formulation, samples, packaging, brand design and contract manufacturing services.

05

Quality Management

We apply the PDCA (Plan-Do-Check-Act) cycle to regularly review and optimize the entire quality management system, pursuing stable quality.



In-House Deodorizing R&D

SEAWEED EXTRACT & DEODORIZING MECHANISM

Tekbi has carried out extensive research based on feline nutrition and in-vitro models that simulate colonic fermentation. Metabolomics analysis of feline feces and urine informed the development of a targeted, efficient and environmentally friendly biological deodorizer. Its three main mechanisms are biodegradation, ion exchange and physical adsorption.

How it works

Seaweed extract: A plant extract from deep-sea seaweed that adsorbs ammonia released from cat urine to remove odors.

Plant enzymes: Bioactive enzymes catalyze the breakdown and absorption of organic odor sources, degrading odor molecules at their source.



01

Natural seaweed extract produced in-house, combined with biological enzyme technology, greatly improves ammonia removal. The formula effectively controls odors and provides better deodorizing performance than traditional cat litter.

02

Seaweed extract naturally forms a film. After litter absorbs waste and clumps, a thin film quickly develops on the clump surface. It contains odors and creates a barrier against the tray base to help reduce sticking.

03

Plant enzymes and compound biological enzymes break down, purify and neutralize organic odor compounds. They inhibit or kill microorganisms in feces, reduce odors from microbial metabolism and fermentation, and remove volatile sulfur compounds (VSCs), helping keep the air fresh.

Qualifications & Certifications



Original certificates and test reports reproduced as supplied.

Company Business

FROM DEVELOPMENT TO INTERNATIONAL SUPPLY

01

R&D; and Production

Plant-based cat litter research, development, production and trade.

02

Automated Production

Three automated production lines. Annual capacity: 50,000 tonnes.

03

OEM / ODM

Contract manufacturing and brand customization to customer requirements.

04

Overseas Procurement

Serving overseas importers, distributors and pet brands.







Product Catalogue

DIFFERENT SERIES FOR DIFFERENT NEEDS

1. Cassava Cat Litter
2. Green Bamboo Cat Litter
3. Tofu Cat Litter
4. Mixed Cat Litter
5. Seaweed Deodorizing Granules
6. Compound Bio-Enzyme Deodorizing Spray



Tekbi

01 Cassava Cat Litter

Cassava starch + corn starch



Diamond Export Grade

T01

Particle size: 0.5-3 mm
Features: Hardness approx. 65 N; virtually dust-free for greater peace of mind.

1. Natural dual-starch formula
Selected food-grade cassava starch and corn starch form a gentle, plant-based formula.

2. Rapid clumping
A balanced starch ratio absorbs water and forms hard, durable clumps quickly. Clumps are easy to scoop and resist sticking to the tray when litter is laid 5-8 cm deep. They firmly enclose waste to help prevent leakage and reduce bacterial growth.

3. 98.1% efficient odor removal
Seaweed extract and plant enzymes adsorb and break down odor molecules for stable, lasting control. They lock in urine odors, keep the litter area fresh, inhibit bacterial growth and help prevent feline urinary and respiratory disease. Gentle on a cat's sense of smell, they help keep the home fresh.

4. Ultra-low dust
Low-temperature forming and vacuum dust removal control dust generation, with dust content at or below 0.1%. Top up litter rather than replacing the entire tray, reducing dust irritation to a cat's airways.

5. Natural sand-like feel
Fine granules resemble natural sand. Contact with the paw pads stimulates burying behavior, providing a more natural, comfortable experience and reducing litter-box avoidance.



Diamond Export Grade

T01-S

Particle size: 0.5-3 mm
Features: Hardness approx. 65 N; uniform creamy-yellow color; virtually dust-free for greater peace of mind.



1. Natural dual-starch formula
Selected food-grade cassava starch and corn starch form a gentle, plant-based formula.

2. Rapid clumping
A balanced starch ratio absorbs water and forms hard, durable clumps quickly. Clumps are easy to scoop and resist sticking to the tray when litter is laid 5-8 cm deep. They firmly enclose waste to help prevent leakage and reduce bacterial growth.

3. 98.1% efficient odor removal
Seaweed extract and plant enzymes adsorb and break down odor molecules for stable, lasting control. They lock in urine odors, keep the litter area fresh, inhibit bacterial growth and help prevent feline urinary and respiratory disease. Gentle on a cat's sense of smell, they help keep the home fresh.

4. Ultra-low dust
Low-temperature forming and vacuum dust removal control dust generation, with dust content at or below 0.1%. Top up litter rather than replacing the entire tray, reducing dust irritation to a cat's airways.

5. Natural sand-like feel
Fine granules resemble natural sand. Contact with the paw pads stimulates burying behavior, providing a more natural, comfortable experience and reducing litter-box avoidance.

Clear Snow Value Grade

T02

Particle size: 0.5-3 mm
Features: Hardness approx. 50 N; virtually dust-free for greater peace of mind.

1. Natural dual-starch formula
Selected food-grade cassava starch and corn starch form a gentle, plant-based formula.

2. Rapid clumping
A balanced starch ratio absorbs water and forms hard, durable clumps quickly. Clumps are easy to scoop and resist sticking to the tray when litter is laid 5-8 cm deep. They firmly enclose waste to help prevent leakage and reduce bacterial growth.

3. Effective odor control
Seaweed extract and plant enzymes adsorb and break down odor molecules for stable, lasting control. They lock in urine odors, keep the litter area fresh, inhibit bacterial growth and help prevent feline urinary and respiratory disease. Gentle on a cat's sense of smell, they help keep the home fresh.

4. Ultra-low dust
Low-temperature forming and vacuum dust removal control dust generation. Virtually no dust is produced during use. Top up litter rather than replacing the entire tray to reduce airway irritation.

5. Natural sand-like feel
Fine granules resemble natural sand. Contact with the paw pads stimulates burying behavior, providing a more natural, comfortable experience and reducing litter-box avoidance.



Online Brand Grade

T03

Particle size: 0.5-3 mm
Features: Hardness approx. 45 N; virtually dust-free for greater peace of mind.

1. Natural dual-starch formula
Selected food-grade cassava starch and corn starch form a gentle, plant-based formula.

2. Rapid clumping
A balanced starch ratio absorbs water and forms hard, durable clumps quickly. Clumps are easy to scoop and resist sticking to the tray when litter is laid 5-8 cm deep. They firmly enclose waste to help prevent leakage and reduce bacterial growth.

3. Effective odor control
Seaweed extract and plant enzymes adsorb and break down odor molecules for stable, lasting control. They lock in urine odors, keep the litter area fresh, inhibit bacterial growth and help prevent feline urinary and respiratory disease. Gentle on a cat's sense of smell, they help keep the home fresh.

4. Low dust
Low-temperature forming and vacuum dust removal control dust generation. Virtually no dust is produced during use, reducing irritation to a cat's airways.

5. Natural sand-like feel
Fine granules resemble natural sand. Contact with the paw pads stimulates burying behavior, providing a more natural, comfortable experience and reducing litter-box avoidance.



Tekbi

02 Green Bamboo Cat Litter

Green bamboo fiber + corn starch



Green Bamboo Cat Litter

Particle size: 0.5-3 mm
Features: Hardness approx. 50 N; virtually dust-free.

1. Natural green bamboo materials
Selected mountain-grown green bamboo fiber is combined with food-grade corn starch in an environmentally friendly plant-based formula that helps protect feline health.

2. Natural antibacterial and anti-mite properties
Green bamboo fiber contains bamboo quinone, with naturally antibacterial, anti-mite and deodorizing properties to improve litter-box hygiene.

3. Effective odor control
Seaweed extract and plant enzymes adsorb and break down odor molecules for stable, lasting control. They lock in urine odors, keep the litter area fresh, inhibit bacterial growth and help prevent feline urinary and respiratory disease. Gentle on a cat's sense of smell, they help keep the home fresh.

4. Rapid clumping
Fast-forming, compact clumps resist breakage. They release readily from the tray, resist sticking and are easy to scoop when litter is laid 5-8 cm deep.

5. Low dust for respiratory care
Precision dust removal prevents airborne dust when pouring and helps protect cats' and owners' respiratory health.



03 Tofu Cat Litter

Pea fiber + corn starch



Tofu Cat Litter

Pellet diameter: 1.5-2.0 mm
Features: Hardness approx. 50 N; colors available to order.

1. Natural, safe ingredients
Pea fiber and food-grade corn starch create an entirely plant-based formula, supporting cleanliness and feline health from the raw materials onward.

2. Fast clumping and easy scooping
Highly absorbent pea fiber forms compact clumps quickly. They hold together and are easy to remove, making cleaning more convenient and efficient.

3. Flushable and biodegradable
Plant ingredients dissolve in water. Used material can serve as organic fertilizer and is fully biodegradable, aligning with environmentally conscious pet care.

4. Extremely low dust
Multiple vacuum dust-removal stages help protect cats' and owners' respiratory health.





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04 Mixed Cat Litter

Cassava starch + green bamboo fiber + pea fiber



Cassava + Green Bamboo Blend

Particle size: 0.5-3 mm
Blend: T02 cassava litter 50% + green bamboo litter 50%
Features: Hardness approx. 50 N; virtually dust-free.

Plant-based odor control
Bamboo contains bamboo quinone, a naturally antibacterial and bacteriostatic component. Seaweed extract and plant enzymes provide lasting dual-action odor adsorption and breakdown, locking in urine odors, keeping the litter area fresh, inhibiting bacterial growth and helping prevent feline urinary and respiratory disease.

Clumping: Fast clumping, instant absorption in 5 seconds; clumps hold together.

Absorption: Rapid water uptake, reduced sticking and easy scooping at a litter depth of 5-8 cm.

Dust: Virtually no dust during use. Top up rather than replacing all litter to reduce airway irritation.

Sand-like feel: Fine granules offer a natural sand-like feel. Paw-pad contact stimulates burying behavior, improving comfort and reducing litter-box avoidance.



Note: Blending ratios can be adjusted flexibly to suit customer preferences.

Cassava T02 + Bamboo + Tofu | 4:3:3

Blend: T02 cassava litter 40% + green bamboo litter 30% + tofu litter 30%
Features: Hardness approx. 50 N; virtually dust-free.

Plant-based odor control
Bamboo contains bamboo quinone, a naturally antibacterial and bacteriostatic component. Seaweed extract and plant enzymes provide lasting dual-action odor adsorption and breakdown, locking in urine odors, keeping the litter area fresh, inhibiting bacterial growth and helping prevent feline urinary and respiratory disease.

Absorption and clumping: Fast clumping and instant absorption in 5 seconds. Durable clumps are easy to scoop at a litter depth of 6-9 cm.

Dust: Virtually no dust is produced during use.

Blending performance: A balanced ratio with tofu litter at the top, green bamboo in the middle and cassava at the bottom. Uniform granules deliver effective odor control and noticeably reduce tracking.



Note: Blending ratios can be adjusted flexibly to suit customer preferences.

Cassava Starch + Seaweed Litter

Cassava particle size: 0.5-3 mm
Blend: T02 cassava litter 95% + seaweed litter 5%
Features: Hardness approx. 55 N; virtually dust-free.

Natural seaweed component
Naturally derived seaweed is non-toxic and adsorbs and breaks down ammonia, hydrogen sulfide and other odors from feline waste. Seaweed fiber extracts in some litters also inhibit bacterial growth and organic decomposition, reducing odor.

1. Plant-based odor control
Seaweed extract and plant enzymes adsorb and break down odor molecules for stable, lasting control. They lock in urine odors, keep the litter area fresh, inhibit bacterial growth and help prevent feline urinary and respiratory disease. Gentle on a cat's sense of smell, they help keep the home fresh.

2. Clumping: Rapid clumping and instant absorption in 5 seconds; clumps hold together.

3. Absorption: Fast water uptake, reduced sticking and easy scooping at a litter depth of 5-8 cm.

4. Dust: Virtually no dust during use. Top up rather than replacing all litter to reduce airway irritation.

5. Sand-like feel: Fine, natural sand-like granules stimulate burying behavior through paw-pad contact, improving comfort and reducing litter-box avoidance.



Note: Blending ratios can be adjusted flexibly to suit customer preferences.

Cassava Starch + SAP Polymer Litter

Cassava particle size: 0.5-3 mm
Blend: T02 cassava litter 90% + SAP polymer litter 10%
Features: Hardness approx. 50 N; virtually dust-free.

Superabsorbent polymer (SAP)
A polymer water-absorption material with exceptionally strong absorbency.

1. Clumping: Rapid clumping and instant absorption in 5 seconds; clumps hold together.

2. Absorption: Fast water uptake and easy scooping at a litter depth of 6-9 cm.

3. Dust: Virtually no dust is produced during use.

4. Odor control: Seaweed extract and plant enzymes combine with the polymer for multiple mechanisms of odor adsorption and breakdown, delivering stable, lasting deodorizing performance.



Note: Blending ratios can be adjusted flexibly to suit customer preferences.

05 Deodorizing Products



Seaweed Deodorizing Granules for Cat Litter

1. Deodorizing mechanism
Natural seaweed extract is the core ingredient, supported by plant enzymes. They react with odor molecules to neutralize or break down hydrogen sulfide, ammonia and other malodorous gases. Plant enzymes accelerate this conversion. Dual adsorption and breakdown remove odor at its source for stable, lasting performance.

Rather than masking odors with chemical fragrances, biodegradation, ion exchange and physical adsorption work together to break down waste odors. Ammonia removal is at least 96%, with lasting odor control. Compatible with tofu, bentonite, mineral and other cat litters: simply add the granules to upgrade odor control without changing the original litter.

2. Safety and environmental care
Plant-based ingredients, without added fragrances, colorants, chemical binders or other harmful substances; friendly to pets and the environment.

3. Strong adsorption
Naturally adhesive granules readily bind to most cat litter and resist sinking. They absorb moisture from feces and urine to reduce odor release.

4. Directions
Mix directly with other cat litter. General recommendation: add 200 g of seaweed deodorizing granules to 2.5 kg of cat litter.



Compound Bio-Enzyme Pet Deodorizing Spray

1. Bio-enzymes + tea polyphenols: odor control at its source
Compound biological enzymes break down odor molecules while natural tea polyphenols inhibit bacteria. The dual-action formula eliminates urine, fecal and body odors at their source rather than masking them, helping prevent recurring odors.

2. Effective, gentle active ingredients
Compound bio-enzymes: Multiple enzymes target ammonia, sulfides and other odor-causing molecules, converting them into harmless substances while inhibiting harmful microorganisms.
Natural tea polyphenols: Tea extracts reduce odor gases from bacterial metabolism and offer antibacterial and antioxidant action, with gentle, non-irritating pet care.

3. Suitable for all life stages
Natural and non-irritating, with no alcohol, colorants or preservatives and a mild pH. Safe if accidentally licked or ingested. Suitable for young, pregnant and sensitive pets, and households with older adults and children.

4. Convenient and efficient
Fine mist spray acts in 10-30 seconds. Ready to use without dilution; spray directly. No sticky residue and no damage to furniture, fabrics or pet fur.

5. Versatile and environmentally friendly
For pets, bedding, home interiors, toilets, vehicles and more. Biodegradable ingredients combine antibacterial and deodorizing action for a cleaner environment shared by pets and people.



Let's Work Together

Qingdao Tekbi
Pet Supplies Co., Ltd.

PLANT-BASED CAT LITTER / OEM & ODM

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Tekbi

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Research & Manufacturing

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