

Organic Xylitol Powder



What is Organic Xylitol Powder?

Organic Xylitol Powder is a natural, plant-based sugar alcohol sourced from certified organic birch wood or non-GMO corn cobs. With **99.7% purity** and a glycemic index (GI) of **7**, this crystalline powder offers 1:1 sweetness replacement for sugar, while being calorie-conscious (2.4 kcal/g), tooth-friendly, and safe for diabetic formulations.



Key Highlights

1. Natural Sweetness:

1. **1:1 Sugar Replacement:** Matches sucrose's sweetness without aftertaste.
2. **Low Glycemic Impact:** GI of 7, suitable for diabetics and keto diets.

2. Health & Safety:

1. **Dental Benefits:** Inhibits oral bacteria (*Streptococcus mutans*) for cavity prevention.
2. **Non-GMO & Allergen-Free:** No corn protein residues; vegan, kosher, halal.

3. Sustainability: USDA Organic, EU Organic, and FSC-certified birch sourcing.

Specifications

| Parameter | Details |
|-----------------------|--|
| Source | Organic birch wood / Non-GMO corn |
| Processing | Hydrolysis, hydrogenation, crystallization |
| Appearance | White crystalline powder |
| Purity | ≥99.7% |
| Sweetness (vs. Sugar) | 1:1 |
| Caloric Value | 2.4 kcal/g |
| Glycemic Index (GI) | 7 |
| Solubility | 100% in water (20°C) |
| Moisture | ≤0.2% |
| Packaging | 25kg food-grade bags / 1kg retail jars |
| Shelf Life | 36 months |

Key Features & Benefits

- **Tooth-Friendly:** Reduces plaque acidity and supports remineralization (FDA-approved dental claim).
- **Clean Label:** No artificial additives, bleaches, or anti-caking agents.

- **Heat Stability:** Suitable for baking (up to 200°C) without caramelization.
- **Prebiotic Effect:** Promotes gut health by selectively feeding beneficial bifidobacteria.

Applications

- **Confectionery:** Sugar-free chewing gum, mints, and chocolate.
- **Bakery:** Low-carb cookies, cakes, and diabetic-friendly desserts.
- **Beverages:** Sweetener for cold drinks, protein shakes, and functional tonics.
- **Oral Care:** Toothpaste, mouthwash, and dental lozenges.
- **Pharmaceuticals:** Excipient in cough syrups and chewable tablets.
- **Personal Care:** Natural preservative in skincare products.

Certifications & Quality Assurance

- **Organic Certifications:** USDA, EU 834/2007, JAS.
- **Non-GMO:** Verified by the Non-GMO Project.
- **Purity:** Heavy metals (Pb <0.1ppm, As <0.05ppm), residual solvents <10ppm.
- **Microbial Safety:** Total plate count <100 CFU/g; yeast/mold <10 CFU/g.

Why Choose Us?

- **Dual Sourcing:** Flexible supply from birch or corn to meet cost/application needs.
- **Custom Granulation:** Adjust particle size (20-200 mesh) for solubility or texture control.
- **Technical Support:** Free formulation guides for sugar-free product development.
- **Eco-Packaging:** Recyclable bags and carbon-neutral shipping options.

FAQs

Q: How does organic xylitol differ from regular xylitol?

A: Organic xylitol uses certified organic/non-GMO raw materials and avoids synthetic processing aids.

Q: Is it safe for pets?

A: **No** – xylitol is toxic to dogs. Recommend clearly labeling pet product formulations.

Q: Can it crystallize in liquids?

A: Yes – add 1-2% glycerin or erythritol to prevent crystallization in cold beverages.

Q: What's the MOQ?

A: 500kg for standard batches; 50kg for trial orders (premium pricing).

Packing

