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The Main Applications of Xanthan Gum

Food Application

Applications	Recommendation Type	Recommended Dosage
Solid beverages (Coffee, cocoa powder)	Ziboxan [®] KF; Ziboxan [®] F200 Ziboxan [®] TS200; Ziboxan [®] F80HV	0.05%--0.1%
Milk drinks and yogurt (Dairy substitutes, plant-based drinks and coconut milk)	Ziboxan [®] F80; Ziboxan [®] F200	0.05%---0.1%
Sausage, cans	Ziboxan [®] F80; Ziboxan [®] 200; Ziboxan [®] BL	0.2%---0.3%
Juices and juice-containing beverages	Ziboxan [®] F80; Ziboxan [®] FT; Ziboxan [®] TS; Ziboxan [®] F80HV; Ziboxan [®] F80	0.05%---0.1%
Pasta	Ziboxan [®] AF80/200	0.05---0.1%
Marinade, Seasoning & salad dressing	Ziboxan [®] TW; Ziboxan [®] SD; Ziboxan [®] AF80;	0.05%--0.1%
Jam, jelly and fruit marmalade	Ziboxan [®] FT; Ziboxan [®] TS; Ziboxan [®] AF80/200	0.5%--1%
Meat and seafood processing	Ziboxan [®] TS; Ziboxan [®] BT	0.05%--0.2%
Baking goods (cakes, breads, des- serts, preserves)	Ziboxan [®] AF	0.1%---0.2%
Frozen food (fries)	Ziboxan [®] F80	0.1%--0.2%
Pet food, animal food	Ziboxan [®] PF	0.1%--0.3%
Cream	Ziboxan [®] F200HV; Ziboxan [®] TS200	0.1%--0.2%
Elder people swallowing aid	Ziboxan [®] HD; Ziboxan [®] FT200 Ziboxan [®] TS200; Ziboxan [®] TRD	0.1%---1.2%

Personal Care and Other Industrial Products

Applications	Recommendation Type	Recommended Dosage
Toothpaste	Ziboxan [®] RH; Ziboxan [®] TS200; Ziboxan [®] TP; Ziboxan [®] AC; Ziboxan [®] FT	0.2%---1%
Soap and wash care series	Ziboxan [®] F80; Ziboxan [®] TS; Ziboxan [®] FT	0.2%---0.5%
Detergent	Ziboxan [®] RH; Ziboxan [®] F80; Ziboxan [®] TP; Ziboxan [®] FT	0.2%---0.5%
Cosmetics	Ziboxan [®] TS80/200; Ziboxan [®] TP; Ziboxan [®] FT	0.2%---0.5%
Disinfectant, hand sanitizer	Ziboxan [®] TS; Ziboxan [®] TTS	0.2%
Ceramics, dyeing, printing, coat- ings, paints and colorful glaze	Zibozan [®] YL; Zibozan [®] AC80; Zibozan [®] TS80	0.2%--0.5%
Liquid soap, detergent, toilet cleaner and deodorant	Zibozan [®] TS; Zibozan [®] TP; Zibozan [®] AS; Zibozan [®] FT	0.2%---0.5%
Fire extinguishing agent, insecti- cide, fertilizer and other fields	Zibozan [®] TW; Zibozan [®] F80/200	0.02%--0.05%

Deosen Biochemical(Ordos)Ltd.

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Deosen Products

Specifications	Applications
Ziboxan® KF	Be widely used in brewing coffee, milk tea, health products and other brewed beverages. It dissolves quickly in cold and hot water; it has good thickening stability, smooth aqueous solution and good rheology, which can improve the appearance and taste of beverages.
Ziboxan® FT	Transparent product, emulsion stabilizer in the pharmaceutical industry, stabilizer and suspending agent in farm chemicals, it can be used in high quality personal care products, e.g. baby foods, geriatric foods, cosmetics, transparent grade toothpaste, jam, energy drinks, seafood spices etc.
Ziboxan® RD	Agglomerated coarse granular product, used in powder beverage, ketchup, chili sauce, jelly etc.
Ziboxan® TP	Personal care grade has particular advantage of rheology, can be used in toothpaste, cosmetics, shampoo, bath preparation, fruit & vegetable cleaner, anstatic agent etc.
Ziboxan® PM	Pharmaceutical grade product.
Ziboxan® LD	Regular particle size powder xanthan gum with low dust, suitable for application in food as stabilizer, thickener or emulsifier.
Ziboxan® SF	Low viscosity and smooth flow product, used in salad dressings.
Ziboxan® F80	Regular food grade, used in drinks, milk products and ice cream to improve their stability, also used in various sauces and dressings to extend their shelf lives. Used in bakery, to improve the water-retaining property when baking and the flexibility of mouth feel.
Ziboxan® F200	Regular food grade, used in drinks, milk products and ice cream to improve their stability, also used in various sauces and dressings to extend their shelf lives. Used in bakery to improve the water-retaining property when baking and the flexibility of mouth feel. It has better hydration rate, which can meet the special requirements on instant food. It can assure the homogeneity for blending industry.
Ziboxan® HV	High viscosity product, used in frozen food to achieve stable by combining with free water, and it can control the growth of ice crystal to an ideal structure. Used in preserved food, can keep the product easier canned with machine.
Zibozan® PF	Pet food grade used in various pet food.
Zibozan® IND	Used in general industry applications out of oil field, e.g. paint, china, water paint, textile, mining etc.
Zibozan® HV API Zibozan® DHV API	Applied in drilling mud, completion fluid and tertiary oil recovery in marine area, beach area, high halogen and permafrost area. It's high viscosity enhances mud carrying capacity, speeds up drilling speed, protects drilling and production equipment, prevents well wall collapse, protects oil and gas fields, prevents blowout and improves oil production.
Zibogel® HA	High acyl gellan gum is a new type of microbial extracellular polysaccharide which is produced by carbon source through deep aeration fermentation methods. It has the advantages of low application dosage, high transparency, strong aroma release ability, acid resistance and enzyme resistance.
Zibozan® WG	Produced by fermentation of glucose and beans protein with sphingomonas which is used in tertiary oil recovery as oil-displacing agent, and water-retaining agent use in concrete.
Zibozan® DSTA	Excellent cohesiveness, stable water retention function, good compatibility with calcium salts and silicates, compatible with polycarboxylic acid water reducers.

Package: 25kg cardboard cartons, paper bags with PE liner.

Storage: Cool, dry, sealed.

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