



Saigao Group

# Polydextrose

Product classification : Ordinary, Sugar free

## PRODUCT INTRODUCTION

Polydextrose is a kind of water-soluble dietary fiber. Randomly bonded condensation polymers of glucose with some sorbitol end-groups, and with citric acid or phosphoric acid residues attached to polymers by mono or diester bonds. They are obtained by melting. It is white or off-white powder, soluble in water easily, the solubility is 70%. Soft sweet, no special taste. It has health care function and can supply the human body with Water - soluble dietary fiber.

## FUNCTION

Increase the volume of feces, enhance bowel movement, reduce the risk of intestinal cancer, etc. , combined with the removal of bile acids in vivo, lower serum cholesterol significantly, cause the feeling of satiety easily, can significantly reduce blood glucose levels after meal





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## PHYSICAL PROPERTIES

- ☑ Can replace sugar and fat in food and improve food texture and taste
- ☑ Taste fresh, easy to release the food flavor. In various applications, have the function of improving the food flavor.
- ☑ Widely recognized as a good source of dietary fiber
- ☑ Prebiotics which can improve the digestive tract health
- ☑ Low blood glucose response, metabolism does not need insulin, suitable for diabetic patients
- ☑ Satiety, help control body weight, apply to consumers who want to control the calorie and fat intake.
- ☑ Good toleration.

Because of its low heat, stability, high tolerance characteristics, can be widely used in a variety of food, especially in low-energy, high fiber and other functional foods.

## REGULATIONS PERMIT

57 countries approved the use of polydextrose.

Japan's Ministry of Health approved the use of polydextrose as food, not food additives.

China has ratified.

## GB25541-2010

Item	Index	
	Polydextrose	Sugarless Polydextrose
Polydextrose Content ( on dry matter ) /%, ( w/w )	≥	90.0
Water, w/%		4.0
pH	2.5~7.0	5.0~6.0
Sulfate Ash,w/%	≤	0.3      2.0
1,6-Dehydration-D-Glucose,w/%	≤	4.0
Glucose+Sorbitol,w/%	≤	6.0
5-Hydroxymethylfurfura, w/%	≤	0.1      0.05
Lead(Pb)/(mg/kg)	≤	0.5

SHANDONG SAIGAO GROUP CORPORATION  
 ADD:Zhongrun Century Center, No 12111,Jingshi Road,  
 Lixia District, Jinan City, Shandong Province. P.R. China  
 TEL:+86-531-69959201      Fax: +86-531-69959201  
 Wechat:lqg18653457231      Mobile/Whatsapp +86-186-53457231  
 E-mail: sales@saigaonutri.com      Web: www.saigaonutri.com