

TECHNICAL DATA SHEET

Description: **Food Grade Ruichem[®] RC-210** is an untreated and uncoated anatase titanium dioxide, produced by sulfate process. It complies with E171 and FDA, etc. The product is non-toxic and tasteless. It has high brightness, purity and good dispersion. It has a whitening effect on foods and can also be used in combination with other pigments to produce a soft color. In addition, it can shield ultraviolet rays and help to improve the shelf life of foods.

Applications: In food preparation, it can be used as a coating, an additive, a whitening colorant, etc. Mainly used in candy chocolate, cool fruit, instant, jelly, jam, salad dressing, mayonnaise, puffed food, chewing gum and non-sweetener-type solid beverage, concentrated solid beverage, emulsion-containing beverage, and so on.

Properties:	• TiO ₂ content:	≥99.0%
	• Specific gravity, g/cm ³ :	3.80~4.00
	• Soluble matter in water:	≤0.5%
	• Soluble matter in HCl (0.5N):	≤0.5%
	• Loss on drying (105°C):	≤0.5%
	• Loss on Ignition (800°C):	≤1.0%
	• Classification---ISO591-1:2000(E):	A1
	• Lead, ppm:	≤10
	• Antimony, ppm:	≤50
	• Arsenic, ppm:	≤3
	• Mercury, ppm:	≤1
	• Cadmium, ppm:	≤1

Package & storage:

Package: 25kgs craft paper bag, or 500kgs/1000kgs plastic woven bag.

Storage: Keep tightly sealed and stored in a cool, dry and well-ventilated area.

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