



Refined Sodium Bicarbonate (Food Grade)

Description:

Powder consisted of white, opaque, tiny monoclinic crystals or very tiny crystals. A light alkali material dissolved in water which yields clear and colorless solution. Main compound is Sodium Bicarbonate.

Standard No: Sodium Bicarbonate used as food type in medicine and food, is appropriate for TS 10379 Standard.

Chemical Specifications:

Sodium Bicarbonate, NaHCO ₃ (%)	99.30 min.
Sodium Carbonate, Na ₂ CO ₃ (%)	0.50 max.
Chloride Ion, Cl ⁻ (ppm)	100 max.
Iron, Fe ⁺³ (ppm)	6 max.
Sulphate, SO ₄ (ppm)	100 max.
Insoluble matter in water (ppm)	200 max.
pH (1% solution)	8.5 max.

Physical Specifications:

Structure of the Material: Free flowing tiny crystals.

Classified according to crystal sizes as:

1. Standard Food Grade
2. Fine Granular Food Grade
3. Coarse Granular Food Grade
4. Extra Coarse Granular Food Grade

Screen Analysis:

	Standard Food Grade	Fine Granular Food Grade	Coarse Granular Food Grade	Extra Coarse Granular
Food Grade				
> 0,600 mm (%)	negligible	-	-	-
> 0,250 mm (%)	-	0.10 max.	7.5 min.	60-90
< 0,150 mm (%)	-	-	-	10 max.
> 0,125 mm (%)	-	22.50 max.	70.0 min.	-
< 0,125 mm (%)	-	77.50 max.	11.0 max.	-

Packaging:

- In 25 or 50 kg block-bottom laminated polypropylene (PP) bags.
- In 25 kg or 50 kg block-bottom laminated polypropylene bags palletized and shrink-wrapped 1000 or 1250 kgs each.
- In polypropylene bigbags with in-liner and four loops 1000 kgs each.
- Please contact to sales department for the 25 kg (3 layer kraft + 1 layer polyethylene) kraft bags option for large amount inquiries.
- Please contact to sales department for the 50 kg (4 layer kraft + 1 layer polyethylene) kraft bags option for large amount inquiries.

Control:

According to TS 10379 Soda Sanayii A.Ş, Soda Plant REFINED SODIUM BICARBONATE Control (analysis) Instruction.

Uses:

Food, animal feed and medicine industries.

