ŞİŞECAM
SODIUM BICARBONATE

TECHNICAL GRADE - A

DESCRIPTION:

Technical Grade Sodium Bicarbonate with additive.
White, opaque, monoclinic crystal line powder which is light alkali. After the production of technical grade sodium bicarbonate, Max. 0.5 % (w/w) magnesium stearate is added to improve flow characteristics.

CHEMICAL NAME : Sodium Hydrogen Carbonate
STANDARD NO : It conforms to TS 3050
EINECS NO : 205-633-8
CAS NO : 144-55-8

CHEMICAL SPECIFICATIONS:

	NORM	REFERENCE NORM	
Sodium Bicarbonate, $NaHCO_3$ (%)	Min. 99.10	TS 3050	(Min. 99.00)
Sodium Carbonate, Na_2CO_3 (%)	Max. 0.70	TS 3050	(Max. 0.80)
Chloride Ion, Cl^- (ppm)	Max. 100	TS 3050	(Max. 600)
Iron, Fe^{+3} (ppm)	Max. 40	TS 3050	(Max. 40)
Sulfate, SO_4^{2-} (ppm)	Max. 150	TS 3050	(Max. 700)
Subs. doesn't dissolve in water (ppm)	Max. 500	TS 3050	(Max. 1000)
pH (% 1 solution)	Max. 8.8	TS 3050	(Max. 8.8)
Lead, Pb (ppm)	Max. 2	TS 3050	(Max. 5)
Arsenic, As (ppm)	Max. 1	2003/100/EC	(Max. 2)
Copper Cu (ppm)	Max. 1	TS 3050	(Max. 30)
Mercury, Hg (ppm)	Max. 0.1	2002/32/EC	(Max. 0.1)
Amonium Components	App. Exp.	TS 3050 (app. exp) / 2008/84/EC (app. exp.)	
Cadmium, Cd (ppm)	Max. 0.5	2002/32/EC	(Max. 0.5)

PHYSICAL SPECIFICATIONS:

Solution in water is slightly turbid and an oily layer can be seen on the surface of the solution.

Physical Condition : Free flowing small granule.
Sieve Analysis : There exists trace amount of particles over 600 microns.

PACKAGING:

- 25 kg fully sealed, block bottom, laminated PP, PE, Kraft bags on shrink wrapped pallets.
- 25 kg PP bags in 1350 kg packets. (without pallets)
- 1000 kg and 1250 kg laminated PP Big Bags with 4 loops.

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CONFORMITY:

Product complies with TS 3050 and Türkiye Şişe ve Cam Fabrikaları A.Ş. Şişecam Chemicals Mersin Soda Plant "Control (Analysis) Instructions"

Characteristics of products are valid under controlled conditions. Warnings in MSDS should be taken into consideration.

APPLICATIONS:

It is used in textile, detergents, chemical electroplating, water treatment, as solid mixtures. The solution of this product should be filtered in order to separate additive.

ŞİŞECAM CHEMICALS

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