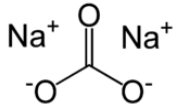


## General Information

Chemical Formula	Na <sub>2</sub> CO <sub>3</sub>	
Synonym	Sodium Carbonate	
Origin	Turkey	
H.S. Code	2836.20.00	
CAS No.	497-19-8	
Molecular Weight	105.98 g mol <sup>-1</sup>	

## Application

Glass	It is used to manufacture a variety of glass products such as container glass for packaging, float glass for buildings and automobiles, fiber glass for insulation, etc.
Soap and Detergent	It is used as a filler, pH adjuster, agglomerate aid, and water softener to manufacture soaps and detergents.
Electrolysis	It is used as an electrolyte for electrolysis because it is a good conductor of electricity.
Other applications	It is also used to prepare sodium silicate, in photograph development process as a pH regulator, swimming pools to neutralize the excess chlorine, brick industry as a wetting agent, processing non-ferrous metals, etc.

## Specification

Property – Test Method	Units	Specification Limits
Na <sub>2</sub> CO <sub>3</sub>	%	99.0 (Min)
Na <sub>2</sub> O	%	57.3 (Min)
NaCl	%	1 (Max)
Na <sub>2</sub> SO <sub>4</sub>	%	1 (Max)
Total Fe	µg / g	10 (Max)
Water Insoluble	%	0.3 (Max)
Appearance		Colourless crystal or white, granular or crystalline powder
Loss On Drying	%	2 (Max), (70°C raising gradually to 300°C, to constant weight)
Bulk Density	g / cm <sup>3</sup>	0.80 – 1.15

## Packaging

- 25 kg PP/PE bags
- 50 kg PP/PE bags
- 1MT jumbo bags