POLESTAR

نجم القطب

Polestar Worldwide General Trading LLC

Soda Ash (Dense)

Soda Ash, or Sodium Carbonate (Na2CO3), is essential in glass manufacturing, used for making various types such as flat glass and container glass. It serves as a flux, lowering the melting point of sand and reducing energy consumption during production. Additionally, it enhances glass's chemical resistance for industrial applications.

Soda ash typically appears as a white, odourless powder that is hygroscopic and forms a moderately basic solution in water. Polestar Worldwide General Trading LLC exports dense soda ash with the following typical chemical composition.

Chemical Composition	Unit	Min	Max
Sodium Carbonate (Na2CO3)	%wt	99.2	99.6
Sodium Chloride (NaCl)	%wt	0.3	0.4
Sodium Bicarbonate (NaHCO3)	%wt	--	0.1
Sodium Sulphate (Na2So4)	%wt	--	0.05
Iron (Fe)	ppm	30	40
Loss on heating	%wt	--	0.2
Moisture	%wt	--	02
Ni (Nickel)	ppm	--	30
Cr (Chromium)	ppm	--	10
Mn (Manganese)	ppm	--	10
Cu (Copper)	ppm	--	30

Chemical Composition		Unit	Dense
Total Alkalinity		%wt	58.12-58.42
Pouring density		g/cm3	0.58- 1.1
Mesh	<40	%wt	40
	40-140		59
	>140		1

Packing

Shipped in 25, 50, and 1000 Kg bags or covered self-unloading hoppers.

Accreditation ISO 9001:2015 | ISO14001:2015 | ISO 45001:2018

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Usage Areas

1. Glass (for fiberglass insulation, or flat glass for the housing, commercial building, and automotive industries, lighting, glassware, display screens for consumer electronics, and solar panels.)
2. Chemical industry
3. Soap and detergent
4. Paper
5. Flue gas treatment
6. Water and wastewater treatment

Storage

1) Prevent moisture absorption, keep away from heat, and ensure good ventilation.
2) Avoid contact with acids and alkaline substances; protect from dust.
3) Ensure bags are sealed and in good condition.

COMMENTS

Typical chemical and physical properties do not constitute product specifications and are not guaranteed or warranted. These properties are provided for informational purposes only.

PLEASE OBTAIN A PRODUCT SAFETY DATA SHEET FOR MORE INFORMATION.

The Safety Data Sheet ("SDS") for this product contains essential environmental, health, and safety information regarding this product, including information concerning the handling and storage of this product. The most current version of the SDS for this product can be obtained by contacting a representative of Polestar Worldwide General Trading LLC.

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