

TECHNICAL DATA SHEET | TDS

Product Name	Light Soda Ash	HS Code	28362090
Chemical Name	Disodium Carbonate Anhydrous	Formula	Na ₂ CO ₃

I. PRODUCT DESCRIPTION

Soda Ash is the common name for Sodium Carbonate, is a chemical substance white in color, and its aqueous solution is clear and colorless. The Light Soda Ash is an important basic industrial alkali chemical used in soap and detergents, pulp and paper, iron and steel, aluminum cleaning compounds, water softening and dyeing, in fiber-reactive dyes, effluent treatment and production of chemicals.

II. CHEMICAL PROPERTIES

ATTRIBUTE	UOM	LIMITS	TESTING METHOD
Disodium Carbonate (Na ₂ CO ₃)	%	≥ 99.2	ASTM E359 -17
Equivalent Sodium Oxide (Na ₂ O)	%	58.1	ASTM E359 -17
Sodium Sulfate (Na ₂ SO ₄)	%	≤ 0.03	ASTM E359 -17
Iron as Fe ₂ O ₃	ppm	≤ 20	ASTM E359 -17
Loss on Ignition NaHCO ₃	%	≤ 0.30	ASTM E359 -17
Water Insoluble	%	≤ 0.05	Calculation of weight
Sodium Chloride (NaCl)	%	≤ 0.2	ASTM E359 -17
pH	pH	11.3 (at 1% solution)	pH Meter

III. PHYSICAL PROPERTIES

ATTRIBUTE	UOM	LIMITS	TESTING METHOD
Appearance	White Free Flowing Powder		
Color Index	CIE LAB	≥ 95	ASTM 2244-16
Bulk Density	Kg/m ³	480 - 670	ASTMD 1895 B
Particle Size	+1.180 mm	0.3 - 1.0 %	ASTM E359 -17
	+0.500 mm	2.0 – 5.0 %	Sieve Analysis
	+0.150 mm &	15 – 30 %	
	+0.075 mm	40 – 55 %	
	-0.075 mm	15 – 30 %	

IV. PACKAGING

- 1000 kg Polypropylene (PP) Big Bag with inner lining (upon request)
- Bulk

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