

## Technical data

# OptiPro

## Industrial Grade Soda Ash

CAS No. 497-19-8

<b>Chemical Name</b>	Sodium Carbonate, anhydrous
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<b>CAS Name</b>	Disodium carbonate
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<b>Formula</b>	Na <sub>2</sub> CO <sub>3</sub>
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<b>Molecular Weight</b>	105.99
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### Physical Properties

	Typical Range
Bulk Density: lb/ft <sup>3</sup>	43 - 52
g/cm <sup>3</sup>	0.69 – 0.83
Screen analysis, cumulative wt %	
On US 40 (425 μm)	5 - 35
US 100 (150 μm)	65 - 90
Thru US 200 (75 μm)	0 - 10

### Chemical Properties

	Typical	Specification
Na <sub>2</sub> O, wt %	58.2	57.9 min
Na <sub>2</sub> CO <sub>3</sub> , wt %	99.5	99.0 min
Na <sub>2</sub> SO <sub>4</sub> , %	0.04	0.10 max
NaCl, %	0.03	0.10 max
Fe <sub>2</sub> O <sub>3</sub> , ppm	7	20 max

### General Properties

Description	white granular solid
Melting point, °C (°F)	851 (1564)
Solubility, max % @ 35.4°C	33.2
pH, 1% solution @ 25°C	11.4

<b>Standard Containers</b>	Bulk hopper cars and trucks
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Genesis Alkali, LLC

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1735 Market Street

Philadelphia Pennsylvania 19103