



## Technical Information

01.01.2023

### Sodium Carbonate Dense Technical Grade

<b>Chemical formula:</b>	Na <sub>2</sub> CO <sub>3</sub>
<b>CAS-No.:</b>	497-19-8
<b>EC-No.:</b>	207-838-8
<b>REACH:</b>	01-2119485498-19-XXXX
<b>HS Code:</b>	28362000
<b>Appearance:</b>	White crystalline powder
<b>Solubility:</b>	Dissolves easily in water, practically insoluble in ethanol 96%

Characteristic	Unit	Specification
Assay Na <sub>2</sub> CO <sub>3</sub>	%	≥ 99.0
Sodium Chloride (NaCl)	%	≤ 0.25
Sodium Sulphate (Na <sub>2</sub> SO <sub>4</sub> )	mg/kg	≤ 300
Iron (Fe)	mg/kg	≤ 15
Calcium (Ca)	mg/kg	≤ 100
Magnesium (Mg)	mg/kg	≤ 100
Heavy metals	mg/kg	≤ 10

Particle size distribution	Unit	Specification
> 1250 µm	%	≤ 3
> 100 µm	%	≥ 97
Density	kg/m <sup>3</sup>	≥ 950



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<b>Packaging:</b>	25 kg paper bags, 1,200 kg on one-way pallet; 1,000 kg pliable container on one-way pallet; Bulk.
<b>Storage conditions:</b>	Pallets should not be stacked; Storage in cool, dry place, sheltered from the weather; Hygroscopic product.  Best before date: <ul style="list-style-type: none"><li>▪ 12 months</li></ul>
<b>Primary uses:</b>	Glass industry; Chemical industry; Others.

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Reference: FT\_Carbonate\_Tech\_V02\_07/2022

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