

**Product name: ZINC CARBONATE BASIC**

Article No.	556608
Grade	Extra Pure
Purity	-
CAS No.	5263-02-5
Molecular Formula	[ZnCO <sub>3</sub> ] <sub>2</sub> [Zn(OH) <sub>2</sub> ] <sub>3</sub>
Molecular Weight	549.02
H.S. Code	2836.9990
Shelf Life	60 Months

- **Physical properties**

Physical state at 20 °C	Solid
Color	White powder
Odour	Odorless
pH value	9.5 at 50 g/l at 20 °C
Melting point/ Freezing point [°C]	300 °C
Decomposition point [°C]	300 °C
Density [g/cm <sup>3</sup> ]	3.5

Solubility in water [% weight]
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Insoluble in water
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- **Specifications**

Appearance	White powder
Assay (as Zn; complexometric)	Min 47%
Chloride (Cl)	Max 0.05%
Sulphate (SO <sub>4</sub> )	Max 0.5%
Arsenic (As)	Max 0.0005%
Lead (Pb)	Max 0.002%
Calcium (Ca)	Max 0.5%
Iron (Fe)	Max 0.02%
Residue on ignition	70 - 74%
Packings	500 gm