

CS

Ultra-high purity Calcium Carbonate

Ultra-high Purity Calcium Carbonate (CS) is a superfine calcium carbonate of high purity, which is produced by combining our unique technology with our abundant natural resources. This calcium carbonate has various features, which will enable you to use it in a variety of fields.

Features

The purity of Ultra-High Purity Calcium Carbonate exceeds 99.9%. It contains an extremely small amount of alkali and is able to reduce Fe, Mn, and Cr. to less than 1ppm. We have also succeeded in reducing Sr, which is generally difficult to separate from Ca.

To meet your needs, this product is available in a variety of particle sizes.

CS meets the food additive (Calcium Carbonate) standards.

Purity

Unit : ppm

	3 N	4 N	5 N
M g	< 1 0	< 5	< 1
F e	< 1	< 0 . 5	< 0 . 1
C r	< 1	< 0 . 5	< 0 . 1
N i	< 1	< 1	< 0 . 1
P b	< 1	< 1	< 0 . 5
N a	< 1 0	< 5	< 3
K	< 5	< 1	< 1
A s	< 1	< 1	< 0 . 5
S	< 5 0	< 1 0	< 3
S r	< 1 0 0	< 3 0	< 1

* We welcome your request to reduce specific elements

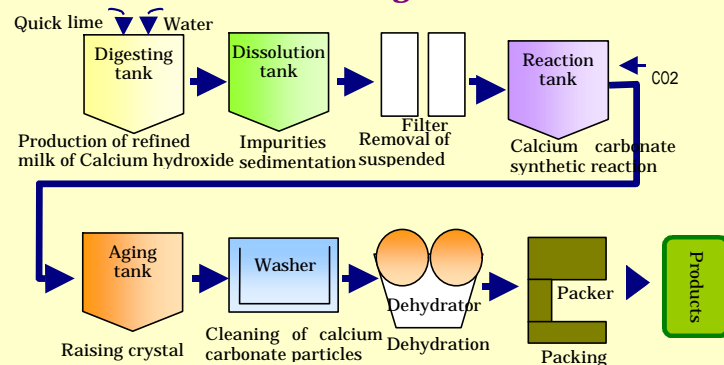
Particle Size

A Type	< 0 . 5	Unit : μ m
B Type	0 . 5 ~ 1 . 0	
C Type	1 . 0 ~ 5 . 0	
D Type	> 5 . 0	

Main Uses

- Electronic materials *Ceramic condenser *PTC Thermistor *Microwave dielectrics
- Optical materials *High purity calcium fluoride *Optical crystal *Phosphor *Optical fiber
- Bionic materials * Apatite hydroxide * Porous crystal * Bio glass
- Materials for refractors *Calcia board *Calcia crucible (for dissolution of new metals)
- Others *Food additives *Super conductive materials *Sintering assistant

Manufacturing Process



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