

CALCIUM CARBONATE

TOP QUALITY - BEST SERVICES

TECHNICAL DATA SHEET

ULTRA FINE CALCIUM CARBONATE POWDER

ITEM CODE: SPC 8 (UNCOATED)

BRIEF DESCRIPTION

Natural Ultra fine Calcium Carbonate powder. Manufactured from superwhite and high purity limestone/calcium carbonate; produced by Hight most advanced technological plants.

PRODUCT SPECIFIC SPECIFICATION

Particle size, Fineness (ISO 13320)

(See the particle size distribution from Mastersizer 3000E)

Median size: D50 $3.5 \pm 0.5 \mu\text{m}$

Top cut: D98 $11.5 \pm 1 \mu\text{m}$

Specific Surface Area $950 \pm 50 \text{ m}^2/\text{kg}$

Volume below 2 micron $26 \pm 2 \%$

Brightness (ISO 2469/70): 92.50 % Min

Whiteness Index CIE (ISO 2469/70): 84.50 % Min

Moisture (ISO 787/2): 0.25 % Max

Density (Raw Material): $2.72 \text{ g}/\text{cm}^3$

Oil Absorption (ISO 787/5): 20 g/100g Max

CHEMICALS ANALYSIS OF RAW MATERIAL

CaCO₃ content: 99.46 %

MgCO₃ content: 0.40 %

Fe₂O₃ content: 0.01 %

Al₂O₃ content: < 0.01 %

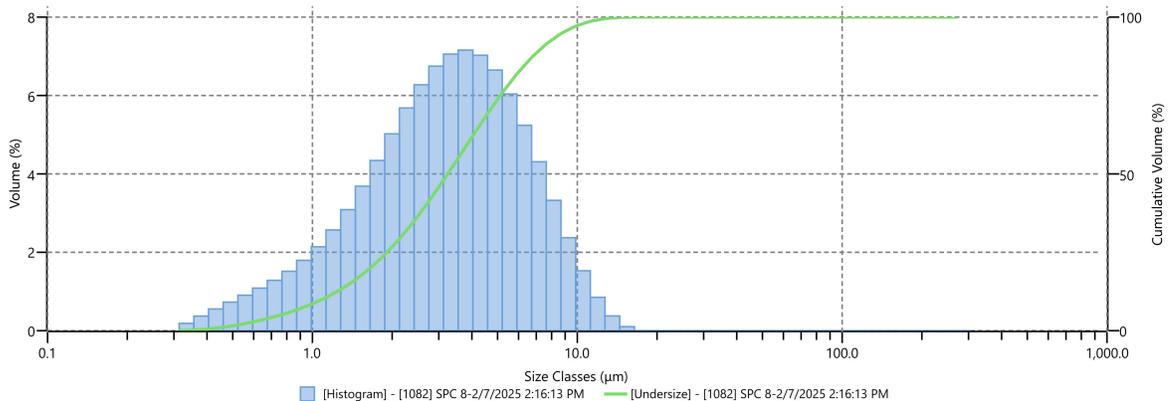
SiO₂ content: 0.01 %

PACKING

25kg PP Woven Bag.

MAIN APPLICATIONS

Used in cosmetics, chemistry products or in pharmaceutical industry if sterilized. Widely used as an extender in paints, in particular matte emulsion paint or a filler in plastics, a mixture in plastic, paint, paper, rubber, glass and porcelain of high quality and high-grade products and other applications in industry.



Note: Our products of CaCO₃ powder are tailored to your demands in terms of particle size and fineness. The technical information is submitted based on our own testing and the testing of independent laboratories, and we believe it is accurate. However, no guarantee of its accuracy is made neither can we cover every possible application of our products, nor can we anticipate every variation encountered in manufacturing equipment and methods.