

**TECHNICAL DATA SHEET**
**SUPERFINE CALCIUM CARBONATE POWDER**
**ITEM CODE: SPC 10 CN (COATED)**
**BRIEF DESCRIPTION**

**Natural Superfine Calcium Carbonate powder** (coated with stearic acid). Manufactured from selected 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  $4.3 \pm 0.2 \mu\text{m}$ 

Top cut: D98  $15 \pm 2 \mu\text{m}$ 

Specific Surface Area  $800 \pm 50 \text{ m}^2/\text{kg}$ 

Volume below 2 micron  $20 \pm 2 \%$ 

Percentage of Stearic Acid  $1.0 \pm 0.1 \%$ 

(Regarding product coated with stearic acid)

Brightness (ISO 2469/70): 90.50 % Min

Whiteness Index E313 (ISO 2469/70): 83.00 % Min

Moisture (ISO 787/2): 0.20 % Max

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

Oil Absorption (ISO 787/5): 15.0 g/100g Max

**CHEMICALS ANALYSIS  
OF RAW MATERIAL**

CaCO<sub>3</sub> content: 99.46 %

MgCO<sub>3</sub> content: 0.40 %

Fe<sub>2</sub>O<sub>3</sub> content: 0.01 %

Al<sub>2</sub>O<sub>3</sub> content: < 0.01 %

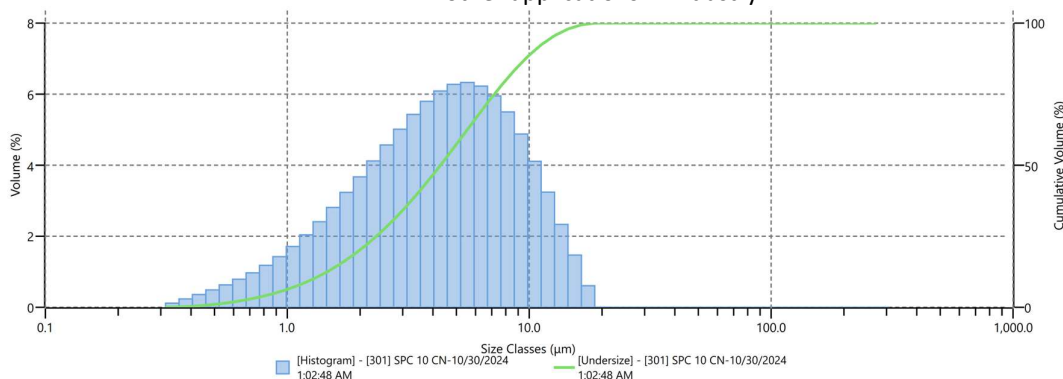
SiO<sub>2</sub> content: 0.01 %

**PACKING**

25 kg PP Woven Bag.

**MAIN APPLICATIONS**

Widely used as a filler in plastics, a mixture in plastics, rubber, solvent base paint, masterbatches, compounds, cable sheaths, glass, and porcelain of high quality and high-grade products; and other applications in industry.



Note: Our products of CaCO<sub>3</sub> powder are tailored to your demands in terms of particle size and fineness. tested uncoated condition  
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