

### TECHNICAL DATA SHEET

## SUPERFINE CALCIUM CARBONATE POWDER

ITEM CODE: SWR 12C (COATED)

### BRIEF DESCRIPTION

Natural Superfine Calcium Carbonate powder (coated with stearic acid). Manufactured from very white 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  $4.5 \pm 0.5 \mu\text{m}$

Top cut: D98  $20 \pm 2 \mu\text{m}$

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

Volume below 2 micron  $21 \pm 1 \%$

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

(Regarding product coated with stearic acid)

Brightness (ISO 2469/70): 91.50 % Min

Whiteness Index CIE (ISO 2469/70): 85.50% Min

Moisture (ISO 787/2): 0.20 % Max

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

Oil Absorption (ISO 787/5): 15 g/100g Max

### CHEMICALS ANALYSIS OF RAW MATERIAL

$\text{CaCO}_3$  content: 99.51 %

$\text{MgCO}_3$  content: 0.36 %

$\text{Fe}_2\text{O}_3$  content: 0.01 %

$\text{Al}_2\text{O}_3$  content: < 0.01 %

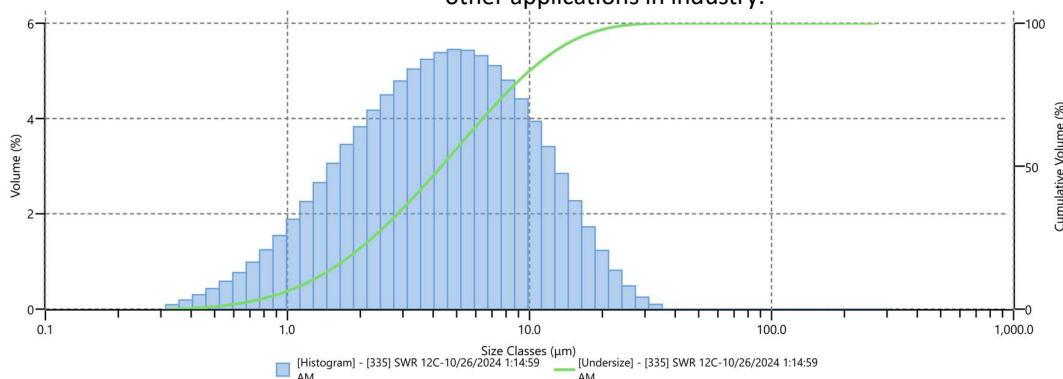
$\text{SiO}_2$  content: 0.01 %

### 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  $\text{CaCO}_3$  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.