



TECHNICAL DATA SHEET

SUPERFINE CALCIUM CARBONATE POWDER

ITEM CODE: SWR 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 ± 0,2 µm

Top cut: D98 15 ± 2 µm

Specific Surface Area 800 ± 50 m²/kg

Volume below 2 micron 20 ± 2 %

Percentage of Stearic Acid 1.0 ± 0.1 %

(Regarding product coated with stearic acid)

Brightness (ISO 2469/70): 92.00 % Min

Whiteness Index CIE (ISO 2469/70): 86.00 % Min

Moisture (ISO 787/2): 0.20 % Max

Density (Raw Material): 2.72 g/cm³

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

CHEMICALS ANALYSIS OF RAW MATERIAL

CaCO₃ content: 99.51 %

MgCO₃ content: 0.36 %

Fe₂O₃ content: 0.01 %

Al₂O₃ content: < 0.01 %

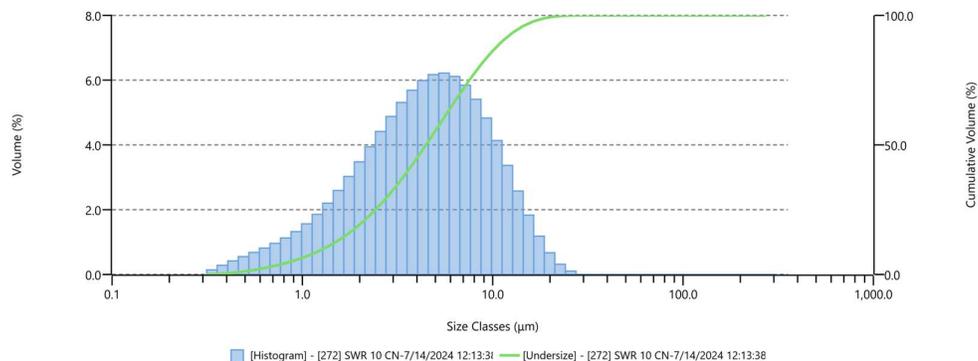
SiO₂ content: 0.01 %

PACKING

25 kg PP Woven Bag.

MAIN APPLICATIONS

Widely used as a filler in plastics, a mixture in plastics, PVC (plastic pipes, electrical fitting, ceiling panels, SPC flooring), 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 CaCO₃ 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