AP20 (Uncoated)
Natural Superfine Calcium Carbonate Powder

CAS Number: 471-34-1
Chemical Formula: $CaCO_3$

DESCRIPTION
AP20 (Uncoated) is a natural superfine calcium carbonate powder manufactured from high-purity crystalline limestone using advanced production technology. The product offers excellent whiteness, brightness, and particle size control, making it suitable for a wide range of industrial applications.

KEY FEATURES

- High purity calcium carbonate content
- Excellent whiteness and brightness
- Fine and controlled particle size distribution
- Low moisture content
- Suitable for paints, plastics, rubber, paper, and specialty applications

APPLICATIONS

- Paints and coatings
- Plastic and rubber compounds
- Paper and ceramics
- Glass and porcelain products
- Cosmetics and pharmaceutical applications (when sterilised

TYPICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Grade	AP20 (Uncoated)
Top-cut (D97)	20 µm ± 2
Mean Size (D50)	6.5 µm ± 0.8
Whiteness	≥ 98%
Brightness	≥ 95.5%
Moisture	≤ 0.25%
Density	2.7 g/cm³
pH	8 – 9
Oil Absorption	≤ 30 ml/100g
$CaCO_3$ Content	≥ 99%
MgO	≤ 0.20%
Fe_2O_3	≤ 0.03%
Al_2O_3	≤ 0.03%
SiO_2	≤ 0.04%
A.I.R Content	≤ 0.007%

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LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

- 25 kg bags
- 1000 kg bulk bags (FIBC)
- Bulk supply available upon request

STORAGE & HANDLING

Store in a cool, dry, and well-ventilated environment. Keep packaging tightly sealed to prevent moisture uptake and contamination.

SAFETY

Handle in accordance with good industrial hygiene practices and avoid excessive dust generation. Use appropriate PPE and refer to the Safety Data Sheet for further information.