



Uncoated Calcium Carbonate V75

CAS No.: 471-34-1

Formula: CaCO_3

DESCRIPTION

Uncoated, high-brightness ground calcium carbonate with a controlled top cut of 75 μm . V75 is designed for use in gypsum board, joint compound, and other building material applications where consistent particle size, low impurities, and excellent whiteness are required. The product also performs effectively as a general-purpose filler in plastics and coatings.

KEY FEATURES

- High purity and whiteness ($> 98\% \text{ CaCO}_3$)
- Consistent particle size distribution ($D_{50} \approx 20 \mu\text{m}$)
- Low moisture and low oil absorption
- Enhances smoothness, opacity, and paper adhesion in drywall formulations
- Excellent dispersion in both aqueous and polymer systems

APPLICATIONS

- Gypsum board / drywall core and facing formulations
- Joint compound and putty
- Sealants, adhesives, and tile grouts
- General industrial fillers for plastics, coatings, and rubber

TYPICAL SPECIFICATIONS

Parameter	Specification
CaCO_3 content, %	≥ 98.5
Whiteness (Brightness), %	97 – 98.5
Moisture, %	≤ 0.2
Oil Absorption, ml/100 g	21
pH (10% slurry)	8.0 – 9.0
Bulk Density, g/cm^3	0.7
Specific Gravity, g/cm^3	2.7
D_{50} (median), μm	20 ± 2
D_{97} (top cut), μm	75 ± 3
Fe_2O_3 , %	≤ 0.02
SiO_2 , %	≤ 0.02
MgO , %	≤ 0.02
Al_2O_3 , %	≤ 0.02



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

Chemport Pty Ltd provides the information contained in this document in good faith based on the best knowledge available at the time of publication. While we believe the information to be accurate and reliable, it is intended for general guidance only and is provided without warranty of any kind, express or implied.

Users are solely responsible for determining the suitability of this product for their specific application and for ensuring compliance with all relevant regulations, industry standards, and intellectual property rights. The product must not be used in violation of any law, statute, or third-party rights.

Chemport Pty Ltd shall not be liable for any direct, indirect, or consequential loss or damage arising from the use of this product or reliance on the information provided in this document. Users should refer to the current Safety Data Sheet (SDS) and perform their own evaluations, including any necessary testing, to confirm the product's suitability for use in their particular conditions.

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

TECHNICAL SUPPORT
+61294103317
info@chemport.com.au

Level 9 Tower A
821 Pacific Highway
Chatswood NSW 2067
Australia
chemport.com.au

PACKAGING

- 25 kg multi-ply paper bags
- 1,400 kg big bags

STORAGE

Store in a cool, dry area away from moisture. Keep packaging tightly sealed to prevent caking and contamination.

SAFETY & HANDLING

Non-hazardous mineral filler. Avoid generating dust during handling. Refer to SDS for detailed safety information.