



Calcium Carbonate – 15 Micron

CAS Number: 471-34-1

Chemical Formula: CaCO_3

Calcium Carbonate (CaCO_3) 15 Micron is a high-purity, fine-grade filler used across industrial applications where high brightness, low moisture, and controlled particle size are essential. The product exhibits excellent dispersion and compatibility with polymers and other matrix systems.

KEY FEATURES

- High-purity natural CaCO_3
- D50 particle size approx. 15 μm
- Excellent brightness and whiteness
- Low moisture and low iron content
- Suitable for plastics, paints, adhesives, paper, and rubber

APPLICATIONS

- Thermoplastics and thermosets
- Masterbatch and compounding
- Paints and coatings
- Construction adhesives and sealants
- Paper and pulp industries

TECHNICAL SPECIFICATIONS

Parameter	Specification
CaCO_3 Content (%)	≥ 98.5
MgO (%)	≤ 0.15
Fe_2O_3 (%)	≤ 0.025
Al_2O_3 (%)	≤ 0.03
SiO_2 (%)	< 0.15
Na_2O (%)	≤ 0.10
Loss on Ignition (%)	42.91
Whiteness (%)	≥ 98
Brightness (%)	≥ 97
Oil Absorption (g/100g)	> 24
Acid Stearic (%)	0
Moisture (%)	≤ 0.20
pH (25 °C)	8 – 9
Hardness (Mohs)	3
DOP Absorption	36 – 37
Surface Density (g/cm ³)	2.7
D50 Particle Size (μm)	15 $\pm$ 1





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

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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

Available in 25 kg PE-lined bags or 1000 kg jumbo and 1400kg bulk bags.

STORAGE & HANDLING

Store in a dry, well-ventilated area. Avoid exposure to moisture. Handle in accordance with good industrial hygiene practices. Refer to Safety Data Sheet (SDS) before use.

SAFETY

Not classified as hazardous under normal use. Avoid inhalation of dust. Use in well-ventilated areas and employ appropriate dust control measures. Wear suitable personal protective equipment (PPE) including dust masks and eye protection. Refer to Safety Data Sheet (SDS) for full safety guidelines.