



Uncoated Calcium Carbonate N8

CAS No.: 471-34-1

Formula: CaCO_3

DESCRIPTION

Uncoated Calcium Carbonate N8 is a high-purity, fine ground calcium carbonate produced from natural limestone. It offers excellent brightness, low impurity content, and consistent particle size distribution. The product is suitable for use in coatings, plastics, rubber, adhesives, sealants, and other industrial applications requiring a high-whiteness mineral extender.

KEY FEATURES

- High chemical purity ($\text{CaCO}_3 \geq 98.6\%$)
- Excellent brightness and whiteness
- Low moisture and impurity levels
- Controlled particle size for consistent dispersion
- Non-abrasive and inert mineral filler

APPLICATIONS

- Paints and coatings
- Plastic masterbatches and films
- Rubber compounding
- Adhesives and sealants
- Paper and board coatings
- Construction materials and fillers

TYPICAL SPECIFICATIONS

Parameter	Specification
Calcium Carbonate (CaCO_3), %	≥ 98.6
Magnesium Oxide (MgO), %	≤ 0.01
Silica (SiO_2), %	≤ 0.02
Alumina (Al_2O_3), %	≤ 0.05
Moisture, %	0.10
pH (10% slurry)	8 – 9
Oil Absorption (DOP), g / 100 g	23
Whiteness, %	95
Brightness, %	97
Hardness (Mohs)	3
D_{50} , μm	21.3
D_{97} , μm	74.1





**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 multi-ply paper bags
- 1,200 kg jumbo bulk bags

STORAGE

Store in a cool, dry place away from moisture and direct sunlight. Avoid creating airborne dust during handling. Use standard dust-control and personal protective equipment when transferring material.

SAFETY & HANDLING

Uncoated Calcium Carbonate N8 is considered non-hazardous under GHS classification. Refer to the Safety Data Sheet (SDS) for detailed health, safety, and environmental information.