

# Carboxymethyl Cellulose; CMC; CT Series

## Mining Grade

Mining Grade CMC (Carboxymethyl Cellulose) is a specialized variant used in mining flotation. It acts as a flotation depressant to promote mineral separation. It enhances froth formation and stability, leading to increased mineral recovery. Its water retention properties maintain stable pulp conditions. Environmentally friendly, it aligns with sustainable mining practices.

technical data sheet

### Specification

Appearance	White to cream powder or granular
Purity, %	Min. 98
pH value	6.0 - 8.5
Moisture, %	Max. 10

### Grade

Grade	D.S	Viscosity <sup>a</sup> (mPa.s)
CT3B3B	0.8 - 1.0	100 - 300 (2%) <sup>1</sup>
CT3B4F	0.8 - 1.0	200 - 500 (2%) <sup>1</sup>
CT3B5G	0.8 - 1.0	500 - 800 (2%) <sup>1</sup>

<sup>a</sup> Brookfield viscosity @ 25°C

<sup>1</sup> 2% aqueous solution, Spindle number 2, 30rpm

### Packaging & Storage

Standard Packing	50 lb bag, 40 bags per pallet 25 kg bag, 40 bags per pallet
Storage	Each unit is labeled with product name and lot number. Store in a cool, dry area for optimal shelf life.
Handling	For safe handling of this product, please refer to the Safety Data Sheet (SDS).

### Shelf Life

Shelf Life	2 years
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### Usage & Application

Typical Dosage	0.1 to 5%
Applications	Flotation Depressant: Inhibits the flotation of certain minerals, concentrating them in the tailings and separating valuable minerals from unwanted materials.

Froth Modifier: Enhances froth formation and stability, leading to better bubble-particle attachment and increased mineral recovery.

Pulp Stabilizer: Helps maintain stable and consistent pulp conditions during flotation.

Dispersant: Improves the dispersion of fine particles in the flotation pulp.

### Regulatory Information

CAS No.	9004-32-4
HS Code	3912.31
Country of Origin	Made in China

Date Updated: Nov 15, 2023

**Disclaimer:** The information provided in this document is based on tests that we believe to be reliable. However, the results of these tests may vary under different conditions and methodologies. It is the responsibility of the prospective user to determine the suitability of our products for their specific use. The user is responsible for ensuring that their use of our products, as well as their workplace practices, are in compliance with all applicable laws and regulations.

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