Synthetic Anhydrite

Calcium Sulfate Anhydrous

CAS No.: 7778-18-9
Formula: $CaSO_4$

DESCRIPTION

Synthetic Anhydrite is a micronized product of greyish-white color made of Calcium Sulfate Anhydrous. It offers consistent performance as a binder, stabilizer, and functional filler in construction and industrial applications.

KEY FEATURES

- High calcium sulfate content with consistent purity
- Controlled particle size distribution for consistent performance
- Versatile use across cement, flooring, and construction industries

APPLICATIONS

- Cement industry
- Self-levelling floors
- Waste inertisation
- Construction: stabilizer and binder of gravel for sub-bases in pavements, parking lots, warehouses, silos, etc.
- Fertilizer binder

TYPICAL SPECIFICATIONS

Parameter	Specification
Quality	97% type; 93% minimum
Calcium Sulfate ($CaSO_4$)	≥ 92% (as SO_3: 54.1%, as $CaCO_3$: 37.9%)
Calcium Fluoride (CaF_2)	2% type
Lime, excess (CaO)	≤ 2%
Granulometric Analysis >150 µm	< 9%
Granulometric Analysis <45 µm	70–90%
Bulk Density	0.7–0.9 kg/L
pH	> 8

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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

- 25kg bags
- Super sacks

STORAGE

Store in a cool, dry, and ventilated warehouse away from heat and moisture. Product shelf life is maintained when stored as directed.

SAFETY & HANDLING

Refer to the Safety Data Sheet (SDS) for detailed guidance on handling, protective equipment, first aid, and disposal considerations.