Synthetic Anhydrite L94

Calcium Sulphate Anhydrous

CAS Number: 7778-18-9
Chemical Formula: $CaSO_4$

DESCRIPTION

Synthetic Anhydrite L94 is a stable, finely milled synthetic anhydrous calcium sulphate designed for use in a wide range of construction and building material applications. The product offers controlled chemistry, very low moisture content, and a consistent particle size distribution, making it suitable for dry-mix formulations and performance-critical cementitious systems

KEY FEATURES

- High-purity synthetic anhydrous calcium sulphate
- Minimum $CaSO_4$ content of 94%
- Very low moisture content
- Controlled and consistent particle size distribution
- Suitable for dry-mix mortar and cementitious systems
- Reliable and reproducible performance

APPLICATIONS

- Dry-mix mortars and construction formulations
- Cement and gypsum-based systems
- Screeds, plasters, and floor compounds
- Functional mineral filler in building materials
- Specialty construction and industrial applications

TYPICAL SPECIFICATIONS

Parameter	Specification
Calcium Sulphate ($CaSO_4$)	94 – 100 %
Calcium Fluoride (CaF_2)	0 – 4 %
Calcium Hydroxide [$Ca(OH)_2$]	≤ 2.0 %
pH	≥ 10.0
Moisture Content @ 40 °C	< 0.5 %
Particle Size – 2.0 mm	100 % passing
Particle Size – 1.18 mm	≥ 99.9 % passing
Particle Size – 0.50 mm	≥ 99.5 % passing
Particle Size – 0.150 mm	≥ 90.0 % passing
Particle Size – 0.053 mm	60 – 80 % passing

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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

Supplied in standard industrial packaging formats suitable for bulk handling. Packaging options may be adjusted to suit customer requirements.

STORAGE & HANDLING

Store in a cool, dry, and well-ventilated area. Protect from moisture ingress. Keep containers sealed when not in use. Handle using standard mineral-handling practices and appropriate personal protective equipment.

SAFETY

Synthetic Anhydrite L94 is not classified as hazardous under normal industrial handling conditions. Avoid inhalation of dust and prolonged contact with eyes or skin. Refer to the Safety Data Sheet (SDS) for detailed safety, handling, and regulatory information.