

TECHNICAL DATA SHEET

Sodium Sulphate Anhydrous (Float Glass Grade)

Description

Sodium Sulphate Anhydrous, typically a white powder, is a key ingredient in float glass manufacturing. Its specifications for this application include a high purity (often 99% or greater) and low levels of impurities like iron, chloride, and insoluble matter. The specific purity, particle size, and impurity levels can vary slightly depending on the manufacturer and the specific float glass production process.

Specification

Standard Criteria	Inspection Standard	Units	Standard Criteria	Test Criteria
Sodium Sulphate Anhydrous	GB/T6009-2024	% age	≥ 99.0	99.5
Water Insoluble	GB/T6009-2024	% age	≤0.05	0.021
Calcium(Ca) and Magnesium (Mg) Contents	GB/T6009-2024	% age	≤ 0.15	0.025
Chloride Contents	GB/T6009-2024	% age	≤ 0.35	0.12
Iron (Fe)	GB/T6009-2024	% age	≤ 0.002	< 0.001
Moisture	GB/T6009-2024	% age	≤ 0.2	0.027
Whiteness	GB/T6009-2024	% age	≥ 82	87
Appearance	White free flowing powder			
Sieve Analysis	≤ 10			
16 mesh (1.19 mm)	≤ 10			
120 mesh (-0.125 mm)				
Conclusion: The product in line with the first class of GB/T6009-2024 after inspection				

Industrial Applications:

Glass Manufacturing

It is used as a fining agent, helping to remove air bubbles from molten glass during production, resulting in a clearer product.

Detergents and Cleaning Products

It is used as a filler in powdered detergents, increasing volume and aiding in the dispersal of other ingredients.

Paper Production

It is a key component in the Kraft process for making paper pulp, contributing to the strength and quality of the paper.

Textile Industry

It helps in textile finishing processes, particularly in dyeing, by removing excess dye and improving color absorption.

Drying Agent

It is an effective desiccant, used to remove water from various organic compounds and chemical reactions.

Steelmaking

It is used in steelmaking processes, contributing to the quality and properties of the final steel product.

Packing

25 & 50 kg bag & 1250 Kg Jumbo Bags

Origin: Chiina