



ALBITE EF

PHYSICO-CHEMICAL CHARACTERISTICS

Composition	: Sodium hydrosulphite, sodium carbonate and an anti-dust additive
Formula	: $\text{Na}_2\text{S}_2\text{O}_4$
Molecular weight	: 174.06
Synonyms	: Sodium dithionite
Bulk density	: 1.0 kg/dm ³ approx.
pH (20°C, 1%)	: 6.5 approx.
Appearance 1% sol.	: Slightly opalescent
Water solubility	: 20 g/100 ml ca. (20°C)
Redox potential	: -0.08 V (pH 0) / -1.13 V (pH 14):

QUALITATIVE CHARACTERISTICS

Appearance of the product	white powder	
Assay	% $\text{Na}_2\text{S}_2\text{O}_4$	≥ 88

The indicated values are intended as determined according to our standard analysis methods.

STANDARD PACKAGING

Metal drums of 50 liters of volume (45kg)

MAIN USES

In chemical and pharmaceutical synthesis.
In textile, in dying bath to reduce indigo and vat dyes.
In pulp & paper industry as bleaching agent.
In kaolin production, for iron removal.