

SAS-202

Technical Datasheet

Chemical Name	SODIUM ALUMINIUM SILICATE	
Grade Name	SAS-202	
CAS No.	1344-00-9	
HS Code	28421000	
EINECS No.	215-684-8	
Molecular Formula	AlNaO6Si2	
Synonyms	• SODIUM ALUMINOSILICATE	
TEST	SPECIFICATION	METHOD
Whiteness	Min 95%	Whiteness Meter
Specific Surface Area	Max 80	BET
Loss On Drying %	Max 7%	Thermogravimetry
Loss On Ignition %	Max 8	Thermogravimetry
pH (10% solution)	Min 9.5	pH meter
% SiO2	Typically 82%	XRF / AAS / ICP
% Aluminium	Typically 9.5	AAS
% Sodium	Typically 8%	AAS
% Fe	Max 0.05%	AAS
% Sulphate	Max 1.0%	ICP
Particle Size D99-100 Microns	Max 30 Microns	Particle Size Analyzer (Dry Method)

Product Information:

- Its small primary particle size and high degree of whiteness make SAS-202 especially suitable for use as a white pigment in Waterborne dispersion paints Solvent based paints, Industrial coatings, Lacquers, Printing inks.
- SAS-202 improved levels of whiteness and hiding power (opacity)of the paint.
- SAS-202 provides cost reduction as titanium dioxide is partially replaced.
- SAS-202 increased stability of paint during storage due to alkaline pH.
- SAS-202 also acts as an anti-settling agent and a viscosity and pH regulator due to its buffering action.
- SAS-202 gives exterior paints good weathering properties and reduces the tendency to pick up dirt.
- SAS-202 decreases tendency to yellowing.

Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

Product Registration: SAS-202 is approved for use in food contact polymer as per the following chapter headings.

Title: 21 - Food And Drugs

Chapter: I - Food And Drug Administration, Department Of Health And Human Services (Continued)

Subchapter: B - Food For Human Consumption (Continued)

Part: 182 - Substances generally recognized as safe

Subpart: C - Anticaking Agents

Section: 182.2727 Sodium aluminosilicate.

Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.