

SIPERNAT® 898

Precipitated Sodium Alumino Silicate

Characteristic physico-chemical data*)

Properties and test methods	Unit	Value
BET Surface Area	m ² /g	130
Median particle size	µm	6
Linseed oil absorption	ml/100g	80-100
pH value 5 % in water following ISO 787-9	-	6.5-7.5
Specific Gravity	g/cm ³	2.0

The given data are typical values. Specifications on request.

Registrations

SIPERNAT® 898

CAS-No.
1344-00-9
<ul style="list-style-type: none"> Consistent quality excellence achieved through effective process control, an ISO:9001 registered quality management system and implemented GMPs

SIPERNAT® 898 Sodium Aluminosilicate has neutral pH, medium particle size, high brightness and moderate oil absorption. These properties together with excellent light scattering power and unique structure provide high performance in paper filling, paper coating and paint & coatings applications. The performance is primarily seen in paper as improved brightness, opacity, printability and friction. SIPERNAT® 898 Sodium Aluminosilicate is also suitable for partial or total TiO₂ replacement depending on the paper application and is suitable for acid and alkaline paper environments.

Properties and applications

- Up to 25% TiO₂ reduction in paper and paint & coatings applications
- Chemical inertness provides excellent compatibility with other raw materials
- Neutral pH
- Excellent overall application properties and flow behavior
- Equally effective in solvent born and water born systems in paint & coatings applications
- Maximized brightness level

Safety and handling

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet, which will be sent with the first delivery or upon updating. Such information is also available from Evonik Operations, Product Safety Department, E-MAIL sds-im@evonik.com We recommend to read carefully the safety data sheet prior to the use of our product.

Packaging and storage

For details regarding our packaging options for this product, please contact your local sales representative. Our silica products are inert and extremely stable chemically. However, due to their high specific surface area, they can absorb moisture and volatile organic compounds from the surrounding atmosphere. Therefore, we recommend storing the products in sealed containers in a dry, cool place, and removed from volatile organic substances. Even if a product is stored under these conditions, after a longer period it can still pick up ambient moisture over time, which could lead to its exceeding the specified moisture content. For this reason, our recommended use-by date is 24 months after date of manufacture. Product more than 24 months old should be tested for moisture content before use in order to make certain that it is still suitable for the intended application.

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**Applied Technology
Evonik Operations GmbH**
Business Line Silica
Rodenbacher Chaussee 4
63457 Hanau-Wolfgang
Germany
PHONE +49 6181 59-3536
FAX +49 6181 59-4096
ask-si@evonik.com
www.silica-specialist.com

**Europe/ Middle-East/
Africa/ Latin America
Evonik Operations GmbH**
Business Line Silica
Rodenbacher Chaussee 4
63457 Hanau-Wolfgang
Germany
PHONE +49 6181 59-8118
FAX +49 6181 59-78118
ask-si@evonik.com
www.silica-specialist.com

**North America
Evonik Corporation**
Business Line Silica
299 Jefferson Road
Parsippany, NJ 07054-0677
USA
PHONE +1 800 233-8052
FAX +1 973 929-8502
ask-si@evonik.com
www.silica-specialist.com

**Asia-Pacific
Evonik (SEA) Pte. Ltd.**
Business Line Silica
3 International Business Park
#07-18, Nordic European Centre
Singapore 609927
PHONE +65 6 809 6877
FAX +65 6 809 6677
ask-si-asia@evonik.com
www.silica-specialist.com