

# ZEOLEX® 123

## Precipitated Sodium Aluminosilicate

### Characteristic physico-chemical data\*

Properties and test methods	Unit	Value
Median particle size	µm	6
Linseed oil absorption	ml/100g	85
Loss on ignition	%	10
Loss on drying	%	6
pH value, 20 % in water	-	7
Bulk density	kg/m <sup>3</sup>	330
BET Surface Area	m <sup>2</sup> /g	130
ISO brightness	%	98
Refractive index	20°C	1.47

\*.) The given data are typical values. Specifications on request.

### Certifications and Classifications

#### ZEOLEX® 123

CAS-No.	1344-00-9
<ul style="list-style-type: none"> <li>Quality excellence achieved through GMPs and ISO:9001 certifications</li> </ul>	

ZEOLEX® 123 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 and coating applications. The performance is primarily seen in paper as improved brightness, opacity, printability and friction.

ZEOLEX® 123 Sodium Aluminosilicate is also suitable for partial or total TiO<sub>2</sub> replacement depending on the paper application and is suitable for acid and alkaline paper environments.

### Properties and applications

- Excellent opacifier
- High brightness
- Improved printability
- Low abrasion
- Controlled particle size and morphology
- High bulk

### Safety and Handling

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet. 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.

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