

# ZEODENT® 103 – For vibrant white teeth

## Precipitated Silicon Dioxide

### Characteristic physico-chemical data\*

| Properties and test methods | Unit        | Value |
|-----------------------------|-------------|-------|
| PCR                         | 20% loading | 105   |
| RDA                         | 20% loading | 195   |
| Median particle size        | µm          | 10    |
| Linseed oil absorption      | ml/100g     | 60    |
| Sieve residue, 325 Mesh     | %           | 1.5   |
| Fluoride compatibility      | %           | ≥ 90  |
| Sodium sulfate              | %           | ≤ 2.0 |
| pH value, 5 % in water      | -           | 7,5   |
| Loss on drying              | %           | 7     |

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

### Certifications and Classifications

#### ZEODENT® 103 – For vibrant white teeth

|         |  |
|---------|--|
| CAS-No. | 112926-00-8 resp. 7631-86-9  |
|         | <ul style="list-style-type: none"> <li>• Production sites are certified according to ISO 9001, and have implemented Good Manufacturing Practices</li> <li>• Meets USP-NF "Dental-Type Silica" and EP "Silica, dental type" monographs listed as "derived mineral ingredient" in the Annex D of ISO 16128-1 with the INCI name Hydrated Silica</li> <li>• Conforms with COSMOS (as non-organic raw material)</li> <li>• Is certified as Kosher, Kosher for Passover, Pareve, and Halalls listed by NATRUE in Annex 2 (Nature-identical inorganic pigments and minerals approved in natural cosmetics) with the INCI name Hydrated Silica</li> </ul> |

Our whitening expert can leave you with the freshest, brightest smiles – perfect for any consumer in the digital age. ZEODENT® 103 is the highest cleaning Evonik silica there is for translucent and opaque gels. Take away modern day stains like coffee and wine with this fluoride compatible ingredient which is effective at concentrations as low as 5%. Stand-alone or in combination with ZEODENT® 113 or ZEODENT® 116, leave teeth with that smooth feeling and enhanced whitening you only know from your dentist.

### Benefits

- High cleaning and whitening performance
- Suitable for translucent and opaque gel toothpastes
- High level of compatibility with sodium fluoride and other active ingredients
- Great cleaning and whitening when formulated alone or in combination with other Evonik silica

### 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](mailto: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 36 months after date of manufacture. Product more than 36 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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