

ZEODENT® 116 – The gentle one

Precipitated Silicon Dioxide

Characteristic physico-chemical data*

Properties and test methods	Unit	Value
PCR	20% loading	60
RDA	20% loading	60
Median particle size	µm	11
Linseed oil absorption	ml/100g	100
Sieve residue, 325 Mesh	%	≤ 1.5
Fluoride compatibility	%	≥ 90
Sodium sulfate	%	≤ 2.0
pH value, 5 % in water	-	7.0
Loss on drying	%	≤ 7

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

Certifications and Classifications

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

Our gentlest cleaning silica was specifically designed for those with sensitive, junior or senior teeth. Stop the hurt and diminish the impact of irritated and sensitive gums. ZEODENT® 116 allows for a controlled, low level of abrasion, promising a softer touch. It can also be combined with other ZEODENT® medium-to-high cleaning silica to give formulations with a higher cleaning performance. Keep everyone comfortable and smiling bright with this specialty, gentle product.

Benefits

- Exceptional formulating flexibility
- Best choice for sensitivity, when a gentler touch is required
- High level of compatibility with sodium fluoride and other active ingredients
- Enhanced cleaning when in combination with Evonik high cleaning 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 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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