

ZEODENT® 165

Precipitated Silicon Dioxide

Characteristic physico-chemical data*

Properties and test methods	Unit	Value
Median particle size	µm	13
Linseed oil absorption	ml/100g	215
Sieve residue, 325 Mesh	%	1
Fluoride compatibility	%	97
Sodium sulfate	%	1,5
pH value, 5 % in water	-	7
Loss on drying	%	6

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

Certifications and Classifications

ZEODENT® 165

CAS-No.	112926-00-8 resp. 7631-86-9
<ul style="list-style-type: none"> • Quality excellence achieved through GMPs and ISO:9001 certifications • Meets USP-NF for Dental Type Silica, EP and JPE monographs • Conformity with ECOCERT and COSMOS standards • Certified as Kosher, Pareve, Kosher for Passover, and Halal 	

ZEODENT® 165 Silicon Dioxide is a standard thickener, offering outstanding performance when building high levels of viscosity is essential. This is useful when formulating toothpastes that offer extreme cleaning and whitening as high cleaning silicas do not build significant viscosity on their own. ZEODENT® 165 Silicon Dioxide delivers exceptional optical clarity, making it the first choice when formulating clear gel toothpastes.

Properties and applications

- High viscosity build
- Ideal for high clarity application
- High level of compatibility with active ingredients
- Exceptional formulating flexibility
- Superior stability, smoothness, dispersion, and mouth feel

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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