

ZEODENT® 115 – For the sake of clarity

Precipitated Silicon Dioxide

Characteristic physico-chemical data*

Properties and test methods	Unit	Value
PCR	20% loading	70
RDA	20% loading	80
Median particle size	µm	10
Linseed oil absorption	ml/100g	105
Sieve residue, 325 Mesh	%	≤ 1,5
Fluoride compatibility	%	≥ 90
Sodium sulfate	%	≤ 2.0
pH value, 5 % in water	-	7.0
Loss on drying	%	≤ 9

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

Certifications and Classifications

ZEODENT® 115 – For the sake of clarity

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

ZEODENT® 115 can give sparkling pure clarity to clear gel formulations. This precipitated silica is especially good for formulations with higher levels of glycerin, and can offer superior optical performance at loadings as high as 20%. ZEODENT® 115 additionally provides gentler cleaning, perfect for when a softer touch is required. Provides a great clear gel paste. For the sake of clarity.

Benefits

- Outstanding optical qualities for clear gel toothpastes
- Good choice for clear gel formulations, when a gentle clean is desired
- High level of compatibility with sodium fluoride and other active ingredients

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.

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

**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