

ZEOPHARM® 600

Precipitated Calcium Silicate NF

Characteristic physico-chemical data*

Properties and test methods	Unit	Value
Median particle size	µm	8
Linseed oil absorption	ml/100g	475
Loss on drying	%	6
pH value, 5 % in water	-	10
Water absorption	ml/'100g	400
Bulk density	kg/m ³	95
Carrying Capacity	%	71

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

Certifications and Classifications

ZEOPHARM® 600

CAS-No.	1344-95-2
<ul style="list-style-type: none"> • Meets USP-NF for Calcium Silicate • Certified as Kosher, Pareve, Kosher for Passover, and Halal 	

ZEOPHARM® 600 synthetic amorphous Calcium Silicate NF has a small particle size (8 microns) and is highly absorptive. With pH-value of 10, the product can serve multiple purposes in tableting. ZEOPHARM® 600 Calcium Silicate NF can be used to convert liquid Active Pharmaceutical Ingredients (API) to free flowing powders, as a glidant to allow uniform flow into the tablet press, or as a tablet coating. ZEOPHARM® 600 Calcium Silicate NF allows for absorption of liquids at greater than 50% by weight, yet remains a free flowing powder and as a tablet coating provides a buffering effect for stomach acid.

Benefits

- Converting liquid APIs to free flowing powders
 - Convenient for taste masking
 - Absorption of liquid APIs may allow for slower or delayed drug release
- As a tablet coating
 - Higher pH acts as a buffer for stomach acid
 - High absorptive capacity protects tablets from moisture uptake

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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