

ZEOFREE® PURE 5841

Silicon Dioxide

Characteristic physico-chemical data*

Properties and test methods	Unit	Value
Median particle size	µm	50
Linseed oil absorption	ml/100g	140
Loss on drying	%	8
pH value, 5 % in water	-	7
Bulk density	kg/m ³	300
BET surface area	m ² /g	370

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

Certifications and Classifications

ZEOFREE® PURE 5841

CAS-No.	112926-00-8
<ul style="list-style-type: none"> • Quality excellence achieved through GMPs and ISO:9001 certifications • FDA compliance • Conformity with COSMOS standards • Certified as Kosher, Pareve, Kosher for Passover, and Halal 	

ZEOFREE® PURE 5841 is Evonik’s absorbent filter aid engineered to extend oil life by controlling degradation in your frying process. Filtering with ZEOFREE® PURE 5841, removes suspended particles, large polymeric color-bodies and extracts off-flavors and odors dissolved in oil. It also prevents the buildup of free fatty acids and total polar compounds through controlled porosity. Through advanced controlled structure technology and custom application development, Evonik can provide the optimal solution for your application.

Properties and applications

- Oil life extension
- Color reduction
- Soap removal
- Prevents the buildup of free fatty acids
- Reduces total polar compounds
- Improved package weight accuracy
- Less oil carry out
- Cost reduction

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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