

SPHERILEX® Silicon Dioxide

Silicon Dioxide

Characteristic physico-chemical data*

Properties and test methods	Unit	Value
Linseed Oil Absorption	ml / 100 g	30 - 100
BET Surface Area	m ² /g	10 - 300
Median Particle Size	μm	4-10
pH	5 %	4 - 9
Particle Morphology		Spherical

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

SPHERILEX® Silicon Dioxide provides unique benefits in many applications impossible with other silica forms. Whether smooth feel is important, enhanced burnish and scrub is desired or other non-traditional silica functionality, SPHERILEX® Silicon Dioxide is the ideal tool for formulators and scientists.

Properties and applications

- Paints and Coatings: burnish and scrub
- Cosmetics: skin feel and wrinkle blurring
- Oral Care: rheology, cleaning and mouth feel
- Plastic: anti-block

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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