

SIPERNAT® 250 PC

Precipitated Silicon Dioxide

Characteristic physico-chemical data*)

Properties and test methods	Unit	Value
Particle size, d50 Laser diffraction following ISO 13320-1	µm	180-480
Loss on drying 2 h at 105°C following ISO 787-2	%	≤ 7.0
pH value 5 % in water following ISO 787-9	-	6.0-7.5
Total aerobic microbial count accord. to USP & EP	CFU/g	≤ 1000
Total yeasts and molds count accord. to USP & EP	CFU/g	≤ 300
Pathogenic bact. (P.a; Salm; E accord. to USP & EP		Absence

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

Registrations

SIPERNAT® 250 PC

CAS-No.

112926-00-8 resp. 7631-86-9

Quality excellence achieved through GMPs and ISO:9001 certifications
Conformity with COSMOS standards
Certified as Kosher, Pareve, Kosher for Passover, and Halal

SIPERNAT® 250 PC silicon dioxide provides an alternative to polyethylene beads for delivering exfoliation to skin care formulations. As a mildly friable silica based particle, SIPERNAT® 250 PC silicon dioxide delivers a gentle yet substantive tactile experience making this product the ideal choice for sensitive applications such as facial scrubs.

Properties and applications

- Alternative to polyethylene beads
- Gentle exfoliation for sensitive skin
- High level of formulation flexibility (typical usage levels of 1-5 wt%)
- High level of compatibility with other ingredients
- Non-Bioaccumulative

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 Resource Efficiency GmbH, Product Safety Department, E-Mail: sds-hu@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.

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